

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078889.D
 Acq On : 15 Aug 2023 15:08
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081523

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 02:55:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	179665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	316474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	135107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123430	44.149	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.300%		
35) Dibromofluoromethane	8.171	113	94201	44.219	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.440%		
50) Toluene-d8	10.571	98	370393	46.825	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.660%		
62) 4-Bromofluorobenzene	12.853	95	126890	49.078	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113562	45.554	ug/l	95
3) Chloromethane	2.365	50	146609	42.121	ug/l	97
4) Vinyl Chloride	2.512	62	143646	47.059	ug/l	97
5) Bromomethane	2.936	94	81599	46.560	ug/l	99
6) Chloroethane	3.112	64	92774	43.476	ug/l	95
7) Trichlorofluoromethane	3.489	101	172813	46.482	ug/l	95
8) Diethyl Ether	3.965	74	65362	46.374	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	4.377	101	94009	47.476	ug/l	98
10) Methyl Iodide	4.589	142	107599	48.567	ug/l	99
11) Tert butyl alcohol	5.524	59	110672	235.909	ug/l	99
12) 1,1-Dichloroethene	4.342	96	89890	46.603	ug/l	83
13) Acrolein	4.177	56	73586	310.467	ug/l	93
14) Allyl chloride	5.030	41	187517	48.846	ug/l #	87
15) Acrylonitrile	5.724	53	305721	240.555	ug/l	99
16) Acetone	4.430	43	310831	269.452	ug/l #	87
17) Carbon Disulfide	4.712	76	248673	46.057	ug/l	100
18) Methyl Acetate	5.030	43	222194	45.595	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	334240	48.105	ug/l #	90
20) Methylene Chloride	5.271	84	110050	44.766	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	99375	45.945	ug/l #	82
22) Diisopropyl ether	6.683	45	392111	48.281	ug/l #	90
23) Vinyl Acetate	6.606	43	1285223	240.343	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	206288	46.496	ug/l	96
25) 2-Butanone	7.489	43	457306	247.262	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	179619	50.085	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	120496	45.835	ug/l	82
28) Bromochloromethane	7.812	49	129925	55.204	ug/l #	71
29) Tetrahydrofuran	7.841	42	292438	238.889	ug/l #	71
30) Chloroform	7.971	83	210493	47.489	ug/l	94
31) Cyclohexane	8.259	56	169226	48.455	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	178349	47.189	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	157220	49.061	ug/l	94
37) Ethyl Acetate	7.565	43	176509	49.229	ug/l #	89
38) Carbon Tetrachloride	8.371	117	155122	48.311	ug/l	92
39) Methylcyclohexane	9.606	83	138970	47.153	ug/l #	83
40) Benzene	8.612	78	463470	48.931	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078889.D
 Acq On : 15 Aug 2023 15:08
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081523

Quant Time: Aug 16 02:55:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	99261	50.831	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	169488	47.895	ug/l	97
43) Isopropyl Acetate	8.694	43	296108	46.725	ug/l #	87
44) Trichloroethene	9.359	130	107606	47.812	ug/l	94
45) 1,2-Dichloropropane	9.630	63	124373	49.318	ug/l	96
46) Dibromomethane	9.718	93	82154	47.495	ug/l	98
47) Bromodichloromethane	9.894	83	170562	49.936	ug/l	94
48) Methyl methacrylate	9.683	41	139967	48.740	ug/l #	75
49) 1,4-Dioxane	9.700	88	48733	996.297	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	920282	244.843	ug/l #	86
52) Toluene	10.635	92	288480	49.606	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	185415	50.620	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	196937	49.366	ug/l #	83
55) 1,1,2-Trichloroethane	11.024	97	113428	48.645	ug/l	95
56) Ethyl methacrylate	10.877	69	187248	51.804	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	204470	49.026	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	397917	229.336	ug/l	89
59) 2-Hexanone	11.200	43	696549	255.859	ug/l	83
60) Dibromochloromethane	11.365	129	122592	49.961	ug/l	99
61) 1,2-Dibromoethane	11.477	107	118342	49.942	ug/l	96
64) Tetrachloroethene	11.106	164	85882	46.389	ug/l	92
65) Chlorobenzene	11.894	112	301738	48.017	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	114257	48.112	ug/l	97
67) Ethyl Benzene	11.971	91	552481	48.346	ug/l	97
68) m/p-Xylenes	12.076	106	419438	98.170	ug/l	97
69) o-Xylene	12.406	106	203305	48.916	ug/l	94
70) Styrene	12.418	104	349296	50.402	ug/l	99
71) Bromoform	12.582	173	85562	49.558	ug/l #	98
73) Isopropylbenzene	12.700	105	516512	45.849	ug/l	100
74) N-amyl acetate	12.500	43	257509	45.285	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	176224	43.323	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	143837m	44.184	ug/l	
77) Bromobenzene	12.982	156	119594	44.165	ug/l	93
78) n-propylbenzene	13.041	91	614247	47.020	ug/l	98
79) 2-Chlorotoluene	13.129	91	366505	45.228	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	416911	46.700	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	58908	46.226	ug/l #	80
82) 4-Chlorotoluene	13.223	91	363546	45.850	ug/l	100
83) tert-Butylbenzene	13.441	119	335950	44.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	419890	47.500	ug/l	99
85) sec-Butylbenzene	13.623	105	474304	45.947	ug/l	99
86) p-Isopropyltoluene	13.735	119	390069	47.296	ug/l	100
87) 1,3-Dichlorobenzene	13.741	146	213657	45.853	ug/l	96
88) 1,4-Dichlorobenzene	13.818	146	218339	46.816	ug/l	99
89) n-Butylbenzene	14.059	91	323321	47.637	ug/l	99
90) Hexachloroethane	14.335	117	72279	43.720	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	214301	46.247	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31744	46.925	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	77771	47.343	ug/l	94
94) Hexachlorobutadiene	15.512	225	36148	41.075	ug/l	100
95) Naphthalene	15.647	128	266787	43.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	84033	46.707	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
Data File : VN078889.D
Acq On : 15 Aug 2023 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081523

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 02:55:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
Data File : VN078889.D
Acq On : 15 Aug 2023 15:08
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :

MSVOA_N

Client SampleId :

ICVVN081523

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023

Quant Time: Aug 16 02:55:46 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M

Quant Title : SW846 8260

QLast Update : Wed Aug 16 02:42:02 2023

Response via : Initial Calibration

