

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078885.D
 Acq On : 15 Aug 2023 12:37
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 16 02:18:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:16:33 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)

Internal Standards						
1) Pentafluorobenzene	8.230	168	168798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	269502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	109164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	52966	20.165	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	40.320%#		
35) Dibromofluoromethane	8.171	113	40374	19.699	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.400%#		
50) Toluene-d8	10.571	98	148703	19.540	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.080%#		
62) 4-Bromofluorobenzene	12.853	95	48675	19.568	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.140%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	49840	21.280	ug/l	98
3) Chloromethane	2.365	50	67916	20.769	ug/l	100
4) Vinyl Chloride	2.512	62	58998	20.572	ug/l	95
5) Bromomethane	2.948	94	34351	20.862	ug/l	96
6) Chloroethane	3.118	64	39956	20.132	ug/l	97
7) Trichlorofluoromethane	3.495	101	71601	20.498	ug/l	96
8) Diethyl Ether	3.959	74	27050	20.427	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.365	101	40607	21.828	ug/l #	84
10) Methyl Iodide	4.595	142	43359	20.831	ug/l	98
11) Tert butyl alcohol	5.524	59	43179	97.966	ug/l #	94
12) 1,1-Dichloroethene	4.342	96	37985	20.961	ug/l	86
13) Acrolein	4.177	56	28140	106.200	ug/l	99
14) Allyl chloride	5.024	41	74431	20.636	ug/l #	89
15) Acrylonitrile	5.730	53	121878	102.073	ug/l	98
16) Acetone	4.442	43	108779	100.369	ug/l	88
17) Carbon Disulfide	4.706	76	102405	20.188	ug/l	99
18) Methyl Acetate	5.036	43	95730	20.909	ug/l #	76
19) Methyl tert-butyl Ether	5.800	73	135452	20.750	ug/l	100
20) Methylene Chloride	5.277	84	47753	20.676	ug/l #	83
21) trans-1,2-Dichloroethene	5.795	96	41190	20.270	ug/l #	80
22) Diisopropyl ether	6.677	45	158692	20.798	ug/l #	90
23) Vinyl Acetate	6.612	43	513282	102.166	ug/l #	83
24) 1,1-Dichloroethane	6.571	63	83724	20.086	ug/l	98
25) 2-Butanone	7.494	43	179186	103.122	ug/l #	75
26) 2,2-Dichloropropane	7.489	77	68491	20.328	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	50937	20.623	ug/l	86
28) Bromochloromethane	7.818	49	45264	20.471	ug/l #	70
29) Tetrahydrofuran	7.847	42	121465	105.611	ug/l #	70
30) Chloroform	7.971	83	86779	20.838	ug/l	95
31) Cyclohexane	8.259	56	72112	20.453	ug/l #	84
32) 1,1,1-Trichloroethane	8.177	97	72173	20.326	ug/l #	88
36) 1,1-Dichloropropene	8.377	75	61242	19.864	ug/l	96
37) Ethyl Acetate	7.565	43	72768	21.095	ug/l #	91
38) Carbon Tetrachloride	8.371	117	62141	20.116	ug/l	99
39) Methylcyclohexane	9.606	83	57334	20.220	ug/l #	84
40) Benzene	8.612	78	188388	20.673	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078885.D
 Acq On : 15 Aug 2023 12:37
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 16 02:18:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:16:33 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	7.789	41	38368	20.422	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	70684	20.762	ug/l	96
43) Isopropyl Acetate	8.700	43	124552	20.428	ug/l #	85
44) Trichloroethene	9.359	130	44367	20.490	ug/l	96
45) 1,2-Dichloropropane	9.630	63	50323	20.741	ug/l	98
46) Dibromomethane	9.712	93	34245	20.578	ug/l	99
47) Bromodichloromethane	9.894	83	66905	20.360	ug/l	99
48) Methyl methacrylate	9.688	41	57900	20.957	ug/l #	73
49) 1,4-Dioxane	9.700	88	19338	410.925	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	372704	103.066	ug/l #	84
52) Toluene	10.635	92	112572	20.120	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	71592	20.315	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	77640	20.229	ug/l #	82
55) 1,1,2-Trichloroethane	11.024	97	46543	20.747	ug/l	98
56) Ethyl methacrylate	10.882	69	69536	19.996	ug/l #	68
57) 1,3-Dichloropropane	11.171	76	81242	20.247	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	170164	101.937	ug/l	90
59) 2-Hexanone	11.200	43	272043	103.866	ug/l	84
60) Dibromochloromethane	11.359	129	48569	20.574	ug/l	99
61) 1,2-Dibromoethane	11.471	107	47073	20.648	ug/l	94
64) Tetrachloroethene	11.112	164	34355	20.327	ug/l	94
65) Chlorobenzene	11.894	112	118941	20.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	43908	20.253	ug/l	99
67) Ethyl Benzene	11.971	91	216428	20.746	ug/l	98
68) m/p-Xylenes	12.076	106	163488	41.915	ug/l	99
69) o-Xylene	12.406	106	76960	20.283	ug/l	96
70) Styrene	12.418	104	127470	20.148	ug/l	95
71) Bromoform	12.582	173	32265	20.471	ug/l #	98
73) Isopropylbenzene	12.700	105	192059	21.100	ug/l	99
74) N-amyl acetate	12.500	43	95031	20.684	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	71569	21.776	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	55450m	13.690	ug/l	
77) Bromobenzene	12.988	156	45502	20.797	ug/l	93
78) n-propylbenzene	13.041	91	226893	21.496	ug/l	99
79) 2-Chlorotoluene	13.129	91	143222	21.875	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	156019	21.630	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	21714	21.089	ug/l #	71
82) 4-Chlorotoluene	13.223	91	136642	21.329	ug/l	98
83) tert-Butylbenzene	13.441	119	128765	21.246	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	153877	21.544	ug/l	98
85) sec-Butylbenzene	13.618	105	176917	21.212	ug/l	100
86) p-Isopropyltoluene	13.735	119	145911	21.896	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	80258	21.318	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	80648	21.402	ug/l	98
89) n-Butylbenzene	14.059	91	116381	21.222	ug/l	98
90) Hexachloroethane	14.335	117	28627	21.431	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	80130	21.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12489	20.413	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	27634	20.820	ug/l	99
94) Hexachlorobutadiene	15.500	225	15514	20.377	ug/l	91
95) Naphthalene	15.647	128	90692	19.674	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	31648	21.771	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
Data File : VN078885.D
Acq On : 15 Aug 2023 12:37
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

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

Quant Time: Aug 16 02:18:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:16:33 2023
Response via : Initial Calibration

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

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

