

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079540.D
 Acq On : 12 Oct 2023 13:02
 Operator : JC\MD
 Sample : VN1012WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 13 01:17:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

10/13/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	238794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	384630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	198613	51.297	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.600%	
35) Dibromofluoromethane	8.171	113	158181	52.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.080%	
50) Toluene-d8	10.570	98	590128	53.657	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	12.853	95	181801	51.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	65069	19.016	ug/l	96
3) Chloromethane	2.365	50	77369	18.121	ug/l	100
4) Vinyl Chloride	2.518	62	82763	18.636	ug/l	99
5) Bromomethane	2.947	94	46784	17.597	ug/l	97
6) Chloroethane	3.118	64	56329	16.824	ug/l	99
7) Trichlorofluoromethane	3.500	101	103690	19.775	ug/l	100
8) Diethyl Ether	3.965	74	34567	18.492	ug/l #	57
9) 1,1,2-Trichlorotrifluo...	4.371	101	57975	18.920	ug/l	98
10) Methyl Iodide	4.594	142	57380	21.580	ug/l	99
11) Tert butyl alcohol	5.535	59	49867	85.573	ug/l	98
12) 1,1-Dichloroethene	4.341	96	51888	18.391	ug/l #	73
13) Acrolein	4.189	56	48306	83.250	ug/l	97
14) Allyl chloride	5.030	41	82357	18.088	ug/l #	90
15) Acrylonitrile	5.724	53	162691	96.297	ug/l	98
16) Acetone	4.430	43	158675	103.324	ug/l	89
17) Carbon Disulfide	4.712	76	150156	17.062	ug/l	98
18) Methyl Acetate	5.030	43	138228	18.390	ug/l #	86
19) Methyl tert-butyl Ether	5.806	73	182288	19.885	ug/l	92
20) Methylene Chloride	5.283	84	65104	18.986	ug/l #	82
21) trans-1,2-Dichloroethene	5.794	96	59019	17.910	ug/l #	79
22) Diisopropyl ether	6.677	45	204617	20.042	ug/l #	89
23) Vinyl Acetate	6.612	43	559887	97.493	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	120602	19.301	ug/l	97
25) 2-Butanone	7.494	43	222952	97.815	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	94957	19.886	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	66995	18.714	ug/l	83
28) Bromochloromethane	7.818	49	56296	18.936	ug/l #	77
29) Tetrahydrofuran	7.841	42	140702	95.447	ug/l #	75
30) Chloroform	7.971	83	122250	19.364	ug/l	100
31) Cyclohexane	8.265	56	100135	18.232	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	104391	19.649	ug/l	94
36) 1,1-Dichloropropene	8.377	75	87695	19.223	ug/l	94
37) Ethyl Acetate	7.565	43	92449	20.366	ug/l #	89
38) Carbon Tetrachloride	8.365	117	89442	19.584	ug/l	96
39) Methylcyclohexane	9.606	83	78770	17.972	ug/l #	84
40) Benzene	8.612	78	268260	19.800	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079540.D
 Acq On : 12 Oct 2023 13:02
 Operator : JC\MD
 Sample : VN1012WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 13 01:17:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

10/13/2023
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	44091	18.475	ug/l	89
42) 1,2-Dichloroethane	8.676	62	97025	19.708	ug/l	99
43) Isopropyl Acetate	8.694	43	144072	18.116	ug/l #	90
44) Trichloroethene	9.353	130	61195	19.190	ug/l	100
45) 1,2-Dichloropropane	9.623	63	70322	19.700	ug/l	99
46) Dibromomethane	9.712	93	46346	20.046	ug/l	93
47) Bromodichloromethane	9.894	83	97046	20.406	ug/l	97
48) Methyl methacrylate	9.688	41	65784	19.303	ug/l #	82
49) 1,4-Dioxane	9.700	88	23795	379.066	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	453961	101.119	ug/l	88
52) Toluene	10.635	92	161999	20.313	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	92899	19.384	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	104029	19.828	ug/l #	86
55) 1,1,2-Trichloroethane	11.023	97	63753	19.912	ug/l	98
56) Ethyl methacrylate	10.876	69	89528	20.349	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	114444	20.700	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	167474	99.397	ug/l	89
59) 2-Hexanone	11.200	43	327089	100.967	ug/l	86
60) Dibromochloromethane	11.365	129	65297	20.292	ug/l	97
61) 1,2-Dibromoethane	11.476	107	63255	19.908	ug/l	97
64) Tetrachloroethene	11.106	164	49094	18.554	ug/l	92
65) Chlorobenzene	11.894	112	162967	19.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	61035	19.461	ug/l	96
67) Ethyl Benzene	11.964	91	288707	19.392	ug/l	97
68) m/p-Xylenes	12.076	106	217437	40.195	ug/l	96
69) o-Xylene	12.400	106	102160	19.203	ug/l	92
70) Styrene	12.417	104	164659	19.595	ug/l	95
71) Bromoform	12.582	173	42643	18.577	ug/l #	100
73) Isopropylbenzene	12.700	105	260915	17.921	ug/l	98
74) N-amyl acetate	12.500	43	108273	18.140	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	97295	19.975	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	85669m	18.986	ug/l	
77) Bromobenzene	12.982	156	63322	17.738	ug/l	96
78) n-propylbenzene	13.041	91	304868	18.508	ug/l	95
79) 2-Chlorotoluene	13.129	91	191934	18.209	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	213603	18.606	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	26747	17.200	ug/l #	86
82) 4-Chlorotoluene	13.223	91	182554	18.200	ug/l	98
83) tert-Butylbenzene	13.441	119	171276	18.209	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	210263	19.191	ug/l	99
85) sec-Butylbenzene	13.623	105	239999	18.293	ug/l	100
86) p-Isopropyltoluene	13.735	119	186318	18.512	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	102987	18.189	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	98922	16.920	ug/l	98
89) n-Butylbenzene	14.058	91	140359	17.463	ug/l	97
90) Hexachloroethane	14.335	117	39618	18.735	ug/l	91
91) 1,2-Dichlorobenzene	14.111	146	101737	18.421	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14805	17.586	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	26048	15.228	ug/l	96
94) Hexachlorobutadiene	15.505	225	21784	16.351	ug/l	94
95) Naphthalene	15.647	128	65740	12.586	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	30227	14.808	ug/l	98

10/13/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
Data File : VN079540.D
Acq On : 12 Oct 2023 13:02
Operator : JC\MD
Sample : VN1012WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 13 01:17:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 03:34:49 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Manual Integrations
APPROVED

Reviewed By :John
Carlone

10/13/2023
Supervised By :Mahesh
Dadoda

10/13/2023

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

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

