

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079812.D
 Acq On : 02 Nov 2023 21:08
 Operator : JC\MD
 Sample : 05225-09MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-188-GW-340-342MSD

Quant Time: Nov 03 04:08:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	267355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	468673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	430312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	201196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	239948	58.908	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.820%			
35) Dibromofluoromethane	8.171	113	185346	55.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.760%			
50) Toluene-d8	10.571	98	664813	54.442	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.880%			
62) 4-Bromofluorobenzene	12.853	95	228458	56.411	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	167745	52.089	ug/l	99
3) Chloromethane	2.359	50	216516	54.284	ug/l	99
4) Vinyl Chloride	2.512	62	225550	53.506	ug/l	98
5) Bromomethane	2.948	94	149146	58.231	ug/l	97
6) Chloroethane	3.118	64	185220	55.608	ug/l	98
7) Trichlorofluoromethane	3.495	101	264553	50.458	ug/l	99
8) Diethyl Ether	3.959	74	112688	56.638	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	144744	47.623	ug/l	99
10) Methyl Iodide	4.589	142	188853	54.411	ug/l	99
11) Tert butyl alcohol	5.524	59	137919	265.246	ug/l	99
12) 1,1-Dichloroethene	4.336	96	150121	52.166	ug/l	87
13) Acrolein	4.177	56	141389	394.138	ug/l	98
14) Allyl chloride	5.024	41	251732	57.112	ug/l #	90
15) Acrylonitrile	5.718	53	489226	301.917	ug/l	99
16) Acetone	4.424	43	378786	264.743	ug/l	92
17) Carbon Disulfide	4.712	76	419807	50.573	ug/l	99
18) Methyl Acetate	5.018	43	384072	56.108	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	571499	57.682	ug/l	97
20) Methylene Chloride	5.277	84	197611	54.737	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	172997	53.901	ug/l #	78
22) Diisopropyl ether	6.677	45	643951	63.043	ug/l #	88
23) Vinyl Acetate	6.606	43	1687416	299.491	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	366016	58.955	ug/l	98
25) 2-Butanone	7.483	43	637376	304.214	ug/l #	80
26) 2,2-Dichloropropane	7.489	77	258627	50.370	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	214677	55.917	ug/l	86
28) Bromochloromethane	7.818	49	184148	60.864	ug/l #	74
29) Tetrahydrofuran	7.841	42	428297	314.201	ug/l #	75
30) Chloroform	7.971	83	375161	55.631	ug/l	93
31) Cyclohexane	8.259	56	264902	49.216	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	302718	55.091	ug/l	94
36) 1,1-Dichloropropene	8.371	75	256408	54.138	ug/l	95
37) Ethyl Acetate	7.565	43	255467	58.813	ug/l #	90
38) Carbon Tetrachloride	8.365	117	254320	53.280	ug/l	99
39) Methylcyclohexane	9.606	83	226475	50.811	ug/l #	88
40) Benzene	8.606	78	808229	56.975	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	146731	63.614	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	302793	61.107	ug/l	97
43) Isopropyl Acetate	8.688	43	431972	56.708	ug/l #	91
44) Trichloroethene	9.353	130	182066	51.722	ug/l	97
45) 1,2-Dichloropropane	9.624	63	221657	61.143	ug/l	93
46) Dibromomethane	9.712	93	146026	58.992	ug/l	96
47) Bromodichloromethane	9.888	83	302010	57.208	ug/l	100
48) Methyl methacrylate	9.683	41	219588	65.813	ug/l #	80
49) 1,4-Dioxane	9.694	88	68608	1163.699	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1396556	325.644	ug/l	89
52) Toluene	10.635	92	481322	57.233	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	303074	58.562	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	321753	57.039	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	201040	59.434	ug/l	96
56) Ethyl methacrylate	10.877	69	302679	62.732	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	364797	61.183	ug/l	99
59) 2-Hexanone	11.200	43	996124	303.625	ug/l	89
60) Dibromochloromethane	11.359	129	213908	59.078	ug/l	100
61) 1,2-Dibromoethane	11.471	107	195731	57.651	ug/l	100
64) Tetrachloroethene	11.106	164	141252	50.684	ug/l	98
65) Chlorobenzene	11.894	112	501790	53.758	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	193987	57.682	ug/l	97
67) Ethyl Benzene	11.965	91	886719	54.525	ug/l	96
68) m/p-Xylenes	12.071	106	677125	111.771	ug/l	94
69) o-Xylene	12.400	106	326878	56.033	ug/l	92
70) Styrene	12.412	104	557805	59.498	ug/l	98
71) Bromoform	12.582	173	143384	60.042	ug/l #	99
73) Isopropylbenzene	12.700	105	806499	52.818	ug/l	99
74) N-amyl acetate	12.494	43	370228	55.548	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	306015	56.524	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	222859m	47.181	ug/l	
77) Bromobenzene	12.982	156	204439	54.686	ug/l	94
78) n-propylbenzene	13.035	91	963630	55.109	ug/l	97
79) 2-Chlorotoluene	13.129	91	593957	53.172	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	663617	55.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	99495	57.310	ug/l #	81
82) 4-Chlorotoluene	13.223	91	594252	53.535	ug/l	98
83) tert-Butylbenzene	13.441	119	542776	55.815	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	671575	57.456	ug/l	99
85) sec-Butylbenzene	13.618	105	753940	55.960	ug/l	100
86) p-Isopropyltoluene	13.729	119	627300	57.107	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	361530	51.985	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	358363	50.767	ug/l	99
89) n-Butylbenzene	14.059	91	524415	55.429	ug/l	98
90) Hexachloroethane	14.335	117	118083	54.281	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	352902	53.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52887	57.604	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	171303	54.877	ug/l	98
94) Hexachlorobutadiene	15.506	225	73890	52.215	ug/l	97
95) Naphthalene	15.647	128	549211	51.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	167744	54.820	ug/l	97

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

