

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070512.D
 Acq On : 6 Jan 2022 12:12
 Operator : JC/MD
 Sample : VN0106WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0106WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 08 01:36:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	870442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1399765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1299730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	544330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	638731	51.036	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.080%			
35) Dibromofluoromethane	8.021	113	468733	55.345	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.700%			
50) Toluene-d8	10.440	98	1872450	54.120	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.240%			
62) 4-Bromofluorobenzene	12.728	95	676740	54.156	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	181091	18.345	ug/l	98
3) Chloromethane	2.303	50	258432	19.246	ug/l	99
4) Vinyl Chloride	2.448	62	226003	18.486	ug/l	100
5) Bromomethane	2.858	94	133909	21.221	ug/l	98
6) Chloroethane	3.022	64	142832	19.400	ug/l	97
7) Trichlorofluoromethane	3.379	101	279875	19.020	ug/l	97
8) Diethyl Ether	3.824	74	137345	21.173	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.210	101	183492	20.387	ug/l	96
10) Methyl Iodide	4.422	142	240151	19.716	ug/l	98
11) Tert butyl alcohol	5.371	59	212683	102.062	ug/l	98
12) 1,1-Dichloroethene	4.181	96	172345	19.441	ug/l	94
13) Acrolein	4.038	56	125725	74.358	ug/l	97
14) Allyl chloride	4.843	41	414839	20.640	ug/l #	84
15) Acrylonitrile	5.554	53	712638	109.590	ug/l	99
16) Acetone	4.285	43	809653	99.657	ug/l	99
17) Carbon Disulfide	4.529	76	438627	18.126	ug/l	99
18) Methyl Acetate	4.856	43	503501	21.424	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	703716	21.375	ug/l	95
20) Methylene Chloride	5.092	84	233708	20.791	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	185307	19.742	ug/l #	83
22) Diisopropyl ether	6.495	45	881530	22.518	ug/l #	92
23) Vinyl Acetate	6.433	43	3304825	108.805	ug/l	95
24) 1,1-Dichloroethane	6.382	63	422477	20.813	ug/l	98
25) 2-Butanone	7.335	43	1092581	106.806	ug/l	92
26) 2,2-Dichloropropane	7.321	77	302836	18.911	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	232935	20.798	ug/l	87
28) Bromochloromethane	7.656	49	213785	21.535	ug/l #	76
29) Tetrahydrofuran	7.683	42	674649	110.538	ug/l	87
30) Chloroform	7.817	83	401348	20.495	ug/l	98
31) Cyclohexane	8.094	56	406172	20.566	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	318904	19.314	ug/l	97
36) 1,1-Dichloropropene	8.220	75	288785	20.612	ug/l	96
37) Ethyl Acetate	7.410	43	399488	21.998	ug/l	97
38) Carbon Tetrachloride	8.206	117	258283	19.306	ug/l	99
39) Methylcyclohexane	9.459	83	348964	20.574	ug/l	88
40) Benzene	8.458	78	933805	21.740	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	209479	23.062	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	330718	20.484	ug/l	99
43) Isopropyl Acetate	8.560	43	622213	21.731	ug/l #	95
44) Trichloroethene	9.215	130	209358	20.513	ug/l	89
45) 1,2-Dichloropropane	9.488	63	260714	22.544	ug/l	97
46) Dibromomethane	9.577	93	154951	21.547	ug/l	95
47) Bromodichloromethane	9.759	83	302356	21.175	ug/l	99
48) Methyl methacrylate	9.558	41	282717	20.701	ug/l #	84
49) 1,4-Dioxane	9.569	88	91513	457.753	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	2041273	113.459	ug/l	97
52) Toluene	10.505	92	572291	22.012	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	325342	21.046	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	364678	21.808	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	232144	22.567	ug/l	98
56) Ethyl methacrylate	10.759	69	376439	22.147	ug/l	89
57) 1,3-Dichloropropane	11.041	76	408705	22.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	376255	98.758	ug/l	90
59) 2-Hexanone	11.084	43	1479534	112.768	ug/l	95
60) Dibromochloromethane	11.234	129	216214	21.542	ug/l	98
61) 1,2-Dibromoethane	11.344	107	228644	21.890	ug/l	97
64) Tetrachloroethene	10.974	164	191631	20.361	ug/l	97
65) Chlorobenzene	11.768	112	592388	21.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	203512	20.671	ug/l	98
67) Ethyl Benzene	11.843	91	1073981	21.255	ug/l	95
68) m/p-Xylenes	11.950	106	799910	43.491	ug/l	94
69) o-Xylene	12.277	106	395083	21.596	ug/l	93
70) Styrene	12.294	104	642778	22.199	ug/l	96
71) Bromoform	12.457	173	155786	21.321	ug/l #	98
73) Isopropylbenzene	12.578	105	1030273	20.382	ug/l	98
74) N-amyl acetate	12.387	43	433695	20.405	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	362919	20.846	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	325231m	21.812	ug/l	
77) Bromobenzene	12.859	156	243329	20.967	ug/l	78
78) n-propylbenzene	12.918	91	1169450	20.880	ug/l	96
79) 2-Chlorotoluene	13.004	91	731983	20.369	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	846965	20.909	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	88871	19.947	ug/l	98
82) 4-Chlorotoluene	13.103	91	691745	20.550	ug/l	92
83) tert-Butylbenzene	13.323	119	726485	20.368	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	816722	20.938	ug/l	99
85) sec-Butylbenzene	13.500	105	1008680	20.829	ug/l	98
86) p-Isopropyltoluene	13.616	119	807182	21.219	ug/l	98
87) 1,3-Dichlorobenzene	13.613	146	407223	20.961	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	392883	20.501	ug/l	97
89) n-Butylbenzene	13.940	91	626728	19.752	ug/l	97
90) Hexachloroethane	14.208	117	131677	19.925	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	399964	21.001	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	55251	18.868	ug/l	82
93) 1,2,4-Trichlorobenzene	15.262	180	179416	19.993	ug/l	97
94) Hexachlorobutadiene	15.370	225	116895	22.413	ug/l	100
95) Naphthalene	15.504	128	440321	18.913	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	177170	21.125	ug/l	99

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

