

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020323\
 Data File : VN076528.D
 Acq On : 03 Feb 2023 13:24
 Operator : JC\MD
 Sample : VN0203WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0203WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/06/2023
 Supervised By : Mahesh Dadoda 02/06/2023

Quant Time: Feb 03 22:15:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	489551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	815236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	729225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	341212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	286514	52.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.540%			
35) Dibromofluoromethane	8.171	113	250396	49.101	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.200%			
50) Toluene-d8	10.571	98	907818	48.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.400%			
62) 4-Bromofluorobenzene	12.847	95	338491	55.055	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	81619	16.269	ug/l	98
3) Chloromethane	2.377	50	82613	15.905	ug/l	94
4) Vinyl Chloride	2.530	62	77099	12.105	ug/l	99
5) Bromomethane	2.971	94	63008	12.081	ug/l	97
6) Chloroethane	3.136	64	53624	11.228	ug/l	98
7) Trichlorofluoromethane	3.512	101	156675	17.881	ug/l	92
8) Diethyl Ether	3.971	74	58605	19.941	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	90587	18.262	ug/l	98
10) Methyl Iodide	4.606	142	125074	16.508	ug/l	98
11) Tert butyl alcohol	5.530	59	70237	95.798	ug/l	100
12) 1,1-Dichloroethene	4.359	96	80844	17.241	ug/l	91
13) Acrolein	4.194	56	93407	106.531	ug/l	98
14) Allyl chloride	5.041	41	103616	18.962	ug/l	92
15) Acrylonitrile	5.730	53	203167	97.377	ug/l	99
16) Acetone	4.442	43	181895	103.472	ug/l	98
17) Carbon Disulfide	4.724	76	169186	14.491	ug/l	95
18) Methyl Acetate	5.047	43	117544	19.738	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	309014	20.243	ug/l	98
20) Methylene Chloride	5.294	84	100564	18.967	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	88579	17.437	ug/l	98
22) Diisopropyl ether	6.677	45	271400	21.061	ug/l	98
23) Vinyl Acetate	6.612	43	837752	100.591	ug/l	99
24) 1,1-Dichloroethane	6.583	63	164678	19.172	ug/l	99
25) 2-Butanone	7.488	43	256785	95.682	ug/l	96
26) 2,2-Dichloropropane	7.494	77	144385	19.944	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	109151	18.423	ug/l	97
28) Bromochloromethane	7.818	49	75006	21.544	ug/l	99
29) Tetrahydrofuran	7.841	42	163366	98.629	ug/l	97
30) Chloroform	7.971	83	185212	19.487	ug/l	100
31) Cyclohexane	8.259	56	136490	16.210	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	166799	19.222	ug/l	91
36) 1,1-Dichloropropene	8.377	75	124124	17.129	ug/l	99
37) Ethyl Acetate	7.571	43	106350	18.320	ug/l	99
38) Carbon Tetrachloride	8.365	117	144324	17.860	ug/l	98
39) Methylcyclohexane	9.606	83	149402	16.883	ug/l	99
40) Benzene	8.612	78	389500	17.976	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	59534	19.562	ug/l	99
42) 1,2-Dichloroethane	8.671	62	139447	18.809	ug/l	99
43) Isopropyl Acetate	8.694	43	182496	19.300	ug/l	97
44) Trichloroethene	9.353	130	102872	16.786	ug/l	98
45) 1,2-Dichloropropane	9.624	63	96477	18.597	ug/l	97
46) Dibromomethane	9.712	93	70055	17.886	ug/l	97
47) Bromodichloromethane	9.888	83	150297	19.784	ug/l	98
48) Methyl methacrylate	9.682	41	83142	18.573	ug/l	94
49) 1,4-Dioxane	9.694	88	37137	393.173	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	529683	95.426	ug/l	99
52) Toluene	10.635	92	255288	17.618	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	145404	20.078	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	160538	19.269	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	106490	19.227	ug/l	97
56) Ethyl methacrylate	10.876	69	150347	21.026	ug/l #	93
57) 1,3-Dichloropropane	11.165	76	172633	19.180	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	192643	79.803	ug/l	100
59) 2-Hexanone	11.194	43	381749	94.906	ug/l	98
60) Dibromochloromethane	11.359	129	113860	19.528	ug/l	98
61) 1,2-Dibromoethane	11.470	107	105134	19.017	ug/l	100
64) Tetrachloroethene	11.106	164	113914	17.322	ug/l	99
65) Chlorobenzene	11.894	112	276279	17.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	108023	18.835	ug/l	100
67) Ethyl Benzene	11.965	91	490974	18.610	ug/l	99
68) m/p-Xylenes	12.076	106	388311	36.706	ug/l	96
69) o-Xylene	12.400	106	192472	18.527	ug/l	94
70) Styrene	12.412	104	318664	19.211	ug/l	98
71) Bromoform	12.582	173	78715	19.005	ug/l #	100
73) Isopropylbenzene	12.700	105	508158	19.251	ug/l	99
74) N-amyl acetate	12.494	43	147382	19.411	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	143616	18.926	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	130769m	20.478	ug/l	
77) Bromobenzene	12.982	156	120138	19.120	ug/l	95
78) n-propylbenzene	13.035	91	571486	19.188	ug/l	99
79) 2-Chlorotoluene	13.129	91	355885	19.472	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	435866	19.710	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	39027m	19.030	ug/l	
82) 4-Chlorotoluene	13.129	91	355885	19.472	ug/l	99
83) tert-Butylbenzene	13.441	119	395502	20.109	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	439773	19.833	ug/l	97
85) sec-Butylbenzene	13.617	105	535547	19.623	ug/l	98
86) p-Isopropyltoluene	13.729	119	440936	19.648	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	221661	17.816	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	216245	18.336	ug/l	98
89) n-Butylbenzene	14.059	91	339640	19.065	ug/l	99
90) Hexachloroethane	14.335	117	71681	18.506	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	218163	17.606	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23754	18.009	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	98064	17.256	ug/l	99
94) Hexachlorobutadiene	15.506	225	54537	16.585	ug/l	98
95) Naphthalene	15.641	128	288286	17.502	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95372	17.479	ug/l	98

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

