

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070541.D
 Acq On : 10 Jan 2022 14:22
 Operator : JC/MD
 Sample : VN0110WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/11/2022
 Supervised By :Semsettin Yesilyurt 01/11/2022

Quant Time: Jan 10 14:49:50 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	896544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1438590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1329938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	559332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	605698	46.988	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.980%		
35) Dibromofluoromethane	8.021	113	449231	51.611	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.220%		
50) Toluene-d8	10.440	98	1800900	50.648	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.300%		
62) 4-Bromofluorobenzene	12.728	95	648053	50.461	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	170013	16.722	ug/l	99
3) Chloromethane	2.303	50	244197	17.656	ug/l	99
4) Vinyl Chloride	2.451	62	219346	17.419	ug/l	99
5) Bromomethane	2.861	94	127498	19.617	ug/l	100
6) Chloroethane	3.025	64	135747	17.901	ug/l	96
7) Trichlorofluoromethane	3.379	101	278492	18.375	ug/l	98
8) Diethyl Ether	3.824	74	128236	19.193	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	179564	19.370	ug/l	95
10) Methyl Iodide	4.419	142	232829	18.559	ug/l	97
11) Tert butyl alcohol	5.371	59	209083	97.413	ug/l #	82
12) 1,1-Dichloroethene	4.181	96	166520	18.237	ug/l	95
13) Acrolein	4.041	56	125148	71.861	ug/l	100
14) Allyl chloride	4.840	41	393667	19.016	ug/l #	84
15) Acrylonitrile	5.556	53	668371	99.790	ug/l	99
16) Acetone	4.285	43	738775	88.286	ug/l	98
17) Carbon Disulfide	4.529	76	418122	16.776	ug/l	100
18) Methyl Acetate	4.854	43	473303	19.553	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	665709	19.632	ug/l	94
20) Methylene Chloride	5.095	84	216786	18.724	ug/l #	87
21) trans-1,2-Dichloroethene	5.599	96	181803	18.805	ug/l	87
22) Diisopropyl ether	6.495	45	836924	20.756	ug/l #	92
23) Vinyl Acetate	6.433	43	3126077	99.923	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	401029	19.181	ug/l	98
25) 2-Butanone	7.335	43	986994	93.675	ug/l	92
26) 2,2-Dichloropropane	7.324	77	297403	18.031	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	221195	19.175	ug/l	86
28) Bromochloromethane	7.656	49	212652	20.798	ug/l #	76
29) Tetrahydrofuran	7.683	42	619852	98.603	ug/l	87
30) Chloroform	7.815	83	386720	19.173	ug/l	97
31) Cyclohexane	8.094	56	389147	19.130	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	307724	18.094	ug/l	96
36) 1,1-Dichloropropene	8.220	75	278975	19.375	ug/l	96
37) Ethyl Acetate	7.410	43	365705	19.594	ug/l	97
38) Carbon Tetrachloride	8.206	117	251087	18.262	ug/l	99
39) Methylcyclohexane	9.459	83	333749	19.145	ug/l	90
40) Benzene	8.458	78	895142	20.278	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	195956	20.991	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	315984	19.044	ug/l	100
43) Isopropyl Acetate	8.560	43	575295	19.550	ug/l #	95
44) Trichloroethene	9.215	130	201010	19.164	ug/l	93
45) 1,2-Dichloropropane	9.488	63	252699	21.261	ug/l	98
46) Dibromomethane	9.577	93	146103	19.768	ug/l	95
47) Bromodichloromethane	9.759	83	291395	19.856	ug/l	99
48) Methyl methacrylate	9.558	41	281664	20.067	ug/l #	80
49) 1,4-Dioxane	9.569	88	88512	430.793	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	1890972	102.268	ug/l	97
52) Toluene	10.502	92	545420	20.412	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	313349	19.724	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	350209	20.378	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	220604	20.867	ug/l	98
56) Ethyl methacrylate	10.759	69	353407	20.231	ug/l	88
57) 1,3-Dichloropropane	11.041	76	389634	20.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	310439	82.934	ug/l	90
59) 2-Hexanone	11.084	43	1356606	100.608	ug/l	95
60) Dibromochloromethane	11.237	129	205236	19.897	ug/l	99
61) 1,2-Dibromoethane	11.344	107	214104	19.945	ug/l	99
64) Tetrachloroethene	10.977	164	183567	19.061	ug/l	94
65) Chlorobenzene	11.768	112	560522	19.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	197936	19.648	ug/l	98
67) Ethyl Benzene	11.843	91	1029280	19.908	ug/l	96
68) m/p-Xylenes	11.950	106	776058	41.236	ug/l	94
69) o-Xylene	12.277	106	383678	20.496	ug/l	95
70) Styrene	12.294	104	618157	20.864	ug/l	97
71) Bromoform	12.454	173	146443	19.587	ug/l #	98
73) Isopropylbenzene	12.575	105	991590	19.090	ug/l	98
74) N-amyl acetate	12.387	43	396922	18.174	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	344713	19.241	ug/l	97
76) 1,2,3-Trichloropropane	12.878	75	272948m	18.316	ug/l	
77) Bromobenzene	12.857	156	228618	19.171	ug/l	76
78) n-propylbenzene	12.918	91	1121037	19.479	ug/l	96
79) 2-Chlorotoluene	13.004	91	708022	19.174	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	815487	19.592	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	87152	19.037	ug/l	96
82) 4-Chlorotoluene	13.103	91	664716	19.217	ug/l	93
83) tert-Butylbenzene	13.321	119	702906	19.178	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	786341	19.619	ug/l	100
85) sec-Butylbenzene	13.500	105	971701	19.528	ug/l	97
86) p-Isopropyltoluene	13.613	119	769356	19.682	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	396181	19.846	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	387825	19.695	ug/l	97
89) n-Butylbenzene	13.940	91	607152	18.622	ug/l	97
90) Hexachloroethane	14.208	117	127370	18.757	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	383893	19.616	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	52304	17.383	ug/l	84
93) 1,2,4-Trichlorobenzene	15.262	180	173801	18.848	ug/l	98
94) Hexachlorobutadiene	15.367	225	113833	21.241	ug/l	99
95) Naphthalene	15.504	128	413689	17.446	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	167419	19.494	ug/l	98

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

