

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
 Data File : VN074957.D
 Acq On : 21 Oct 2022 13:23
 Operator : JC\MD
 Sample : VN1021WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2022
 Supervised By : Mahesh Dadoda 10/24/2022

Quant Time: Oct 22 02:52:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 09:37:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	432912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	753761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	827584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	533554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	549838	47.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.600%		
35) Dibromofluoromethane	8.171	113	425076	47.380	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.760%		
50) Toluene-d8	10.571	98	1647560	47.863	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.720%		
62) 4-Bromofluorobenzene	12.847	95	577141	47.532	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	114189	16.874	ug/l	99
3) Chloromethane	2.377	50	135713	17.810	ug/l	92
4) Vinyl Chloride	2.524	62	198212	17.842	ug/l	91
5) Bromomethane	2.948	94	158006	17.221	ug/l	98
6) Chloroethane	3.118	64	165556	19.505	ug/l	93
7) Trichlorofluoromethane	3.506	101	217686	18.709	ug/l	97
8) Diethyl Ether	3.971	74	86448	16.850	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.377	101	129520	18.735	ug/l	99
10) Methyl Iodide	4.594	142	173587	17.933	ug/l	99
11) Tert butyl alcohol	5.536	59	221997	91.290	ug/l	100
12) 1,1-Dichloroethene	4.353	96	112773	18.303	ug/l	94
13) Acrolein	4.194	56	138427	112.481	ug/l	98
14) Allyl chloride	5.036	41	189561	17.996	ug/l	96
15) Acrylonitrile	5.730	53	479843	97.546	ug/l	99
16) Acetone	4.447	43	393307	91.639	ug/l	96
17) Carbon Disulfide	4.724	76	219575	16.952	ug/l	98
18) Methyl Acetate	5.042	43	273319	18.711	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	534073	19.123	ug/l	99
20) Methylene Chloride	5.289	84	159365	19.716	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	126625	17.897	ug/l	84
22) Diisopropyl ether	6.683	45	461397	19.142	ug/l	93
23) Vinyl Acetate	6.618	43	1852555m	97.634	ug/l	
24) 1,1-Dichloroethane	6.583	63	273503	18.350	ug/l #	92
25) 2-Butanone	7.494	43	644918	92.041	ug/l	97
26) 2,2-Dichloropropane	7.500	77	253424	17.991	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	179722	18.600	ug/l	98
28) Bromochloromethane	7.818	49	125768	20.250	ug/l	97
29) Tetrahydrofuran	7.847	42	393385	91.029	ug/l	99
30) Chloroform	7.971	83	307862	18.280	ug/l	96
31) Cyclohexane	8.259	56	203100	17.283	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	269966	17.815	ug/l	93
36) 1,1-Dichloropropene	8.377	75	203854	18.042	ug/l	97
37) Ethyl Acetate	7.565	43	250406	18.821	ug/l	99
38) Carbon Tetrachloride	8.371	117	219684	17.861	ug/l	93
39) Methylcyclohexane	9.606	83	241862	18.067	ug/l	93
40) Benzene	8.612	78	638829	18.340	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	123934	18.559	ug/l	98
42) 1,2-Dichloroethane	8.677	62	252787	19.172	ug/l	97
43) Isopropyl Acetate	8.694	43	399401	19.355	ug/l	100
44) Trichloroethene	9.359	130	153527	17.958	ug/l	99
45) 1,2-Dichloropropane	9.624	63	165546	18.439	ug/l	97
46) Dibromomethane	9.712	93	124249	18.925	ug/l	99
47) Bromodichloromethane	9.888	83	253102	19.084	ug/l	92
48) Methyl methacrylate	9.682	41	176376	19.547	ug/l	99
49) 1,4-Dioxane	9.700	88	97383	373.287	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1312854	96.047	ug/l	99
52) Toluene	10.629	92	422480	18.587	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	257097	19.649	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	272242	18.814	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	184217	19.314	ug/l	95
56) Ethyl methacrylate	10.876	69	282655	19.678	ug/l	98
57) 1,3-Dichloropropane	11.165	76	315500	19.483	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	584304	92.760	ug/l	99
59) 2-Hexanone	11.200	43	999474	96.415	ug/l	99
60) Dibromochloromethane	11.359	129	184824	18.458	ug/l	98
61) 1,2-Dibromoethane	11.470	107	183035	19.032	ug/l	99
64) Tetrachloroethene	11.106	164	115955	17.134	ug/l	89
65) Chlorobenzene	11.894	112	453021	18.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	178315	18.906	ug/l	99
67) Ethyl Benzene	11.965	91	806028	18.142	ug/l	100
68) m/p-Xylenes	12.070	106	636083	36.717	ug/l	100
69) o-Xylene	12.400	106	325982	18.784	ug/l	99
70) Styrene	12.412	104	522174	18.984	ug/l	99
71) Bromoform	12.582	173	128286	18.022	ug/l	99
73) Isopropylbenzene	12.694	105	824596	18.921	ug/l	99
74) N-amyl acetate	12.494	43	336367	19.209	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	308795	18.973	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	228105m	15.765	ug/l	
77) Bromobenzene	12.982	156	180821	18.093	ug/l	99
78) n-propylbenzene	13.035	91	960740	18.836	ug/l	100
79) 2-Chlorotoluene	13.123	91	586547	18.564	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	713312	18.949	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	89737	19.884	ug/l	98
82) 4-Chlorotoluene	13.123	91	586547	18.564	ug/l	96
83) tert-Butylbenzene	13.441	119	617556	18.538	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	724902	19.065	ug/l	99
85) sec-Butylbenzene	13.617	105	882214	18.861	ug/l	99
86) p-Isopropyltoluene	13.729	119	717955	18.637	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	364845	19.081	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	365484	18.853	ug/l	98
89) n-Butylbenzene	14.059	91	614105	18.668	ug/l	100
90) Hexachloroethane	14.335	117	132670	17.776	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	378715	19.323	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	65921	19.493	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	175333	20.557	ug/l	96
94) Hexachlorobutadiene	15.506	225	81029	18.401	ug/l	97
95) Naphthalene	15.641	128	635543	19.606	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	165585	19.290	ug/l	98

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

