

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072808.D
 Acq On : 13 Jun 2022 20:55
 Operator : JC\MD
 Sample : VN0613WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

Quant Time: Jun 14 05:22:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	139774	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	262759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	272577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	118450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	220588	56.366	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.740%			
35) Dibromofluoromethane	8.016	113	142529	54.465	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.920%			
50) Toluene-d8	10.439	98	572719	54.495	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.000%			
62) 4-Bromofluorobenzene	12.727	95	186158	50.125	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	41313	18.918	ug/l	96
3) Chloromethane	2.293	50	44967	20.397	ug/l	98
4) Vinyl Chloride	2.434	62	49787	19.821	ug/l	93
5) Bromomethane	2.840	94	23534	23.328	ug/l	99
6) Chloroethane	3.005	64	34740	20.985	ug/l	91
7) Trichlorofluoromethane	3.357	101	77103	19.755	ug/l	93
8) Diethyl Ether	3.816	74	31302	20.458	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.204	101	41024	19.027	ug/l	88
10) Methyl Iodide	4.416	142	31177	20.997	ug/l #	85
11) Tert butyl alcohol	5.369	59	87277	22.697	ug/l	98
12) 1,1-Dichloroethene	4.175	96	37289	19.196	ug/l #	79
13) Acrolein	4.040	56	18073	96.069	ug/l	94
14) Allyl chloride	4.834	41	86000	19.038	ug/l #	90
15) Acrylonitrile	5.551	53	201982	110.928	ug/l	99
16) Acetone	4.287	43	193841	109.072	ug/l	89
17) Carbon Disulfide	4.528	76	74854	18.644	ug/l	96
18) Methyl Acetate	4.851	43	101408	21.709	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	178260	19.680	ug/l	99
20) Methylene Chloride	5.087	84	52095	20.838	ug/l #	85
21) trans-1,2-Dichloroethene	5.598	96	39498	19.904	ug/l	94
22) Diisopropyl ether	6.493	45	193622	20.468	ug/l #	96
23) Vinyl Acetate	6.428	43	866435	101.239	ug/l #	92
24) 1,1-Dichloroethane	6.387	63	98067	19.823	ug/l	96
25) 2-Butanone	7.334	43	304396	109.198	ug/l #	87
26) 2,2-Dichloropropane	7.322	77	69995	15.288	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	54440	19.724	ug/l	88
28) Bromochloromethane	7.651	49	50634	21.268	ug/l #	73
29) Tetrahydrofuran	7.681	42	190844	110.519	ug/l	88
30) Chloroform	7.816	83	102455	19.943	ug/l	99
31) Cyclohexane	8.087	56	79352	19.848	ug/l #	84
32) 1,1,1-Trichloroethane	8.010	97	86979	19.144	ug/l	93
36) 1,1-Dichloropropene	8.216	75	66456	18.225	ug/l	94
37) Ethyl Acetate	7.410	43	121475	21.804	ug/l #	94
38) Carbon Tetrachloride	8.204	117	69959	18.304	ug/l	93
39) Methylcyclohexane	9.457	83	72006	17.424	ug/l #	89
40) Benzene	8.457	78	210209	19.457	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	58152	21.796	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	94724	20.294	ug/l	94
43) Isopropyl Acetate	8.557	43	173852	20.158	ug/l #	92
44) Trichloroethene	9.216	130	45619	18.559	ug/l	84
45) 1,2-Dichloropropane	9.486	63	59408	19.549	ug/l	99
46) Dibromomethane	9.575	93	42145	20.670	ug/l #	79
47) Bromodichloromethane	9.763	83	83337	19.667	ug/l	97
48) Methyl methacrylate	9.557	41	84323	21.069	ug/l #	82
49) 1,4-Dioxane	9.569	88	32225	471.267	ug/l #	90
51) 4-Methyl-2-Pentanone	10.328	43	623965	109.071	ug/l	89
52) Toluene	10.504	92	133053	19.402	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	84344	18.759	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	89226	18.699	ug/l #	84
55) 1,1,2-Trichloroethane	10.892	97	58842	20.253	ug/l	96
56) Ethyl methacrylate	10.757	69	102113	20.120	ug/l #	76
57) 1,3-Dichloropropane	11.045	76	104949	20.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	223437	104.099	ug/l	91
59) 2-Hexanone	11.081	43	461418	108.888	ug/l	88
60) Dibromochloromethane	11.233	129	59585	19.728	ug/l	99
61) 1,2-Dibromoethane	11.339	107	58100	19.810	ug/l	98
64) Tetrachloroethene	10.975	164	39361	18.865	ug/l #	87
65) Chlorobenzene	11.769	112	138463	19.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	54489	19.883	ug/l	99
67) Ethyl Benzene	11.845	91	257800	19.207	ug/l	97
68) m/p-Xylenes	11.951	106	181842	37.883	ug/l	88
69) o-Xylene	12.280	106	93245	19.298	ug/l	89
70) Styrene	12.292	104	144359	18.766	ug/l	92
71) Bromoform	12.457	173	37703	18.916	ug/l #	100
73) Isopropylbenzene	12.575	105	244737	20.271	ug/l	97
74) N-amyl acetate	12.386	43	124487	21.501	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.822	83	95558	22.431	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	78069m	19.203	ug/l	
77) Bromobenzene	12.857	156	49236	20.329	ug/l	68
78) n-propylbenzene	12.916	91	266314	19.811	ug/l	95
79) 2-Chlorotoluene	13.004	91	168103	19.961	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	198141	20.299	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.622	75	24247	18.178	ug/l #	81
82) 4-Chlorotoluene	13.104	91	153846	19.607	ug/l	93
83) tert-Butylbenzene	13.322	119	173995	20.007	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	193549	20.649	ug/l	94
85) sec-Butylbenzene	13.498	105	238861	20.514	ug/l	95
86) p-Isopropyltoluene	13.610	119	180349	19.884	ug/l	94
87) 1,3-Dichlorobenzene	13.616	146	81543	19.633	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	81124	19.790	ug/l	96
89) n-Butylbenzene	13.939	91	144369	18.767	ug/l	97
90) Hexachloroethane	14.210	117	37351	19.261	ug/l	72
91) 1,2-Dichlorobenzene	13.986	146	83735	20.355	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	21526	23.042	ug/l	67
93) 1,2,4-Trichlorobenzene	15.263	180	37351	20.015	ug/l	96
94) Hexachlorobutadiene	15.368	225	17291	19.267	ug/l	97
95) Naphthalene	15.504	128	160311	21.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	40402	20.800	ug/l	97

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

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