

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029608.D
 Acq On : 19 Jun 2022 06:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 20 01:41:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	255655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	414310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	201030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163246	48.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.480%		
35) Dibromofluoromethane	5.391	113	146161	49.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.420%		
50) Toluene-d8	8.653	98	542243	49.975	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.940%		
62) 4-Bromofluorobenzene	11.079	95	208998	51.077	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	159244	51.434	ug/l	99
3) Chloromethane	1.289	50	147654	44.269	ug/l	99
4) Vinyl Chloride	1.374	62	148802	48.457	ug/l	98
5) Bromomethane	1.612	94	68785	43.904	ug/l	99
6) Chloroethane	1.685	64	66696	33.345	ug/l	98
7) Trichlorofluoromethane	1.886	101	211225	49.372	ug/l	97
8) Diethyl Ether	2.136	74	86849	51.527	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	128204	47.790	ug/l	99
10) Methyl Iodide	2.453	142	91280	31.064	ug/l	98
11) Tert butyl alcohol	3.008	59	214217m	292.026	ug/l	
12) 1,1-Dichloroethene	2.319	96	132233	51.055	ug/l	96
13) Acrolein	2.240	56	41353	221.825	ug/l	94
14) Allyl chloride	2.666	41	202123	48.334	ug/l	94
15) Acrylonitrile	3.069	53	401335	253.544	ug/l	100
16) Acetone	2.392	43	326511	242.057	ug/l	97
17) Carbon Disulfide	2.514	76	335381	49.948	ug/l	100
18) Methyl Acetate	2.709	43	173419	48.626	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	458671	51.010	ug/l	99
20) Methylene Chloride	2.788	84	147556	49.115	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	142183	50.226	ug/l	98
22) Diisopropyl ether	3.764	45	411351	49.725	ug/l	94
23) Vinyl Acetate	3.727	43	1763062	255.287	ug/l	100
24) 1,1-Dichloroethane	3.611	63	249571	50.165	ug/l	99
25) 2-Butanone	4.562	43	535609	251.205	ug/l	98
26) 2,2-Dichloropropane	4.477	77	127081	32.819	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	169113	51.134	ug/l	91
28) Bromochloromethane	4.904	49	101840	53.578	ug/l	98
29) Tetrahydrofuran	5.013	42	357396	251.517	ug/l	95
30) Chloroform	5.099	83	261368	49.644	ug/l	99
31) Cyclohexane	5.471	56	227595	50.094	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	231112	49.768	ug/l	98
36) 1,1-Dichloropropene	5.696	75	193536	48.145	ug/l	99
37) Ethyl Acetate	4.721	43	204866	49.719	ug/l	99
38) Carbon Tetrachloride	5.678	117	195147	49.366	ug/l	99
39) Methylcyclohexane	7.385	83	239323	47.752	ug/l	96
40) Benzene	6.044	78	590784	49.580	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	108978	50.200	ug/l	97
42) 1,2-Dichloroethane	6.093	62	194686	47.529	ug/l	98
43) Isopropyl Acetate	6.342	43	316249	49.357	ug/l	99
44) Trichloroethene	7.129	130	161578	47.803	ug/l	95
45) 1,2-Dichloropropane	7.434	63	145067	49.640	ug/l	98
46) Dibromomethane	7.586	93	104854	49.920	ug/l	94
47) Bromodichloromethane	7.824	83	198444	49.028	ug/l	99
48) Methyl methacrylate	7.696	41	154600	49.211	ug/l	94
49) 1,4-Dioxane	7.690	88	79584	982.548	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1019694	246.909	ug/l	98
52) Toluene	8.720	92	378248	49.572	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	197078	48.184	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	221695	48.405	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	154427	50.056	ug/l	99
56) Ethyl methacrylate	9.116	69	239557	51.399	ug/l	96
57) 1,3-Dichloropropane	9.311	76	253548	49.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	508601	232.253	ug/l	96
59) 2-Hexanone	9.433	43	775252	247.899	ug/l	98
60) Dibromochloromethane	9.525	129	153929	51.391	ug/l	94
61) 1,2-Dibromoethane	9.610	107	162949	50.945	ug/l	98
64) Tetrachloroethene	9.275	164	140680	46.952	ug/l	96
65) Chlorobenzene	10.080	112	399752	49.183	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	144226	49.410	ug/l	99
67) Ethyl Benzene	10.195	91	724575	49.546	ug/l	99
68) m/p-Xylenes	10.305	106	562798	98.682	ug/l	99
69) o-Xylene	10.640	106	280343	49.754	ug/l	100
70) Styrene	10.659	104	469565	50.897	ug/l	99
71) Bromoform	10.799	173	105759	51.101	ug/l	99
73) Isopropylbenzene	10.964	105	720793	47.820	ug/l	98
74) N-amyl acetate	10.842	43	258302	49.342	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	233687	47.954	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	207378m	47.353	ug/l	
77) Bromobenzene	11.201	156	169435	49.254	ug/l	98
78) n-propylbenzene	11.305	91	814523	47.980	ug/l	99
79) 2-Chlorotoluene	11.366	91	495867	47.173	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	606323	47.765	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	53786	40.857	ug/l	94
82) 4-Chlorotoluene	11.457	91	562464	46.922	ug/l	100
83) tert-Butylbenzene	11.713	119	599493	48.436	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	613986	48.497	ug/l	99
85) sec-Butylbenzene	11.890	105	738795	48.164	ug/l	100
86) p-Isopropyltoluene	12.012	119	614732	47.862	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	314616	48.010	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	318539	48.685	ug/l	97
89) n-Butylbenzene	12.335	91	513115	47.336	ug/l	99
90) Hexachloroethane	12.543	117	92107	50.083	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	311757	48.398	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49772	46.094	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	186225	47.408	ug/l	98
94) Hexachlorobutadiene	13.725	225	74302	46.200	ug/l	94
95) Naphthalene	13.774	128	707554	50.177	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	187997	47.786	ug/l	94

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

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