

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029586.D
 Acq On : 18 Jun 2022 21:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 01:37:37 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	223756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	402311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	358461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159986	54.014	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.020%			
35) Dibromofluoromethane	5.391	113	137473	52.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.860%			
50) Toluene-d8	8.653	98	480464	50.164	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.085	95	182586	50.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	136938	50.535	ug/l	99
3) Chloromethane	1.288	50	142989	48.982	ug/l	98
4) Vinyl Chloride	1.374	62	137239	51.063	ug/l	99
5) Bromomethane	1.611	94	61457	44.819	ug/l	99
6) Chloroethane	1.685	64	84432	54.219	ug/l	99
7) Trichlorofluoromethane	1.886	101	184568	49.291	ug/l	99
8) Diethyl Ether	2.136	74	85348	57.856	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	109358	46.576	ug/l	98
10) Methyl Iodide	2.453	142	65610	26.051	ug/l	97
11) Tert butyl alcohol	2.989	59	184704	287.547	ug/l	95
12) 1,1-Dichloroethene	2.319	96	118171	52.130	ug/l	97
13) Acrolein	2.239	56	43006	263.580	ug/l	99
14) Allyl chloride	2.666	41	196020	53.557	ug/l	95
15) Acrylonitrile	3.068	53	403960	291.584	ug/l	99
16) Acetone	2.386	43	324148	274.564	ug/l	98
17) Carbon Disulfide	2.514	76	294561	50.122	ug/l	99
18) Methyl Acetate	2.709	43	176988	56.701	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	463664	58.916	ug/l	100
20) Methylene Chloride	2.788	84	143446	54.553	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	131519	53.082	ug/l	98
22) Diisopropyl ether	3.763	45	413561	57.119	ug/l	93
23) Vinyl Acetate	3.727	43	1794807	296.933	ug/l	99
24) 1,1-Dichloroethane	3.611	63	236616	54.341	ug/l	99
25) 2-Butanone	4.562	43	543608	291.304	ug/l	99
26) 2,2-Dichloropropane	4.477	77	133143	39.287	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	157115	54.279	ug/l	93
28) Bromochloromethane	4.904	49	93558	56.238	ug/l	100
29) Tetrahydrofuran	5.013	42	359357	288.951	ug/l	95
30) Chloroform	5.099	83	252658	54.831	ug/l	98
31) Cyclohexane	5.477	56	184968	46.515	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	207503	51.054	ug/l	98
36) 1,1-Dichloropropene	5.696	75	168277	47.422	ug/l	100
37) Ethyl Acetate	4.721	43	207741	57.115	ug/l	98
38) Carbon Tetrachloride	5.678	117	165505	47.429	ug/l	94
39) Methylcyclohexane	7.385	83	198697	44.912	ug/l	93
40) Benzene	6.044	78	542398	51.566	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	111514	58.192	ug/l	96
42) 1,2-Dichloroethane	6.092	62	193526	53.522	ug/l	99
43) Isopropyl Acetate	6.342	43	323091	57.124	ug/l	99
44) Trichloroethene	7.129	130	142690	47.824	ug/l	93
45) 1,2-Dichloropropane	7.434	63	138369	53.638	ug/l	97
46) Dibromomethane	7.586	93	101068	54.510	ug/l	95
47) Bromodichloromethane	7.824	83	192118	53.771	ug/l	97
48) Methyl methacrylate	7.696	41	156390	56.394	ug/l	93
49) 1,4-Dioxane	7.690	88	78510	1098.059	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1033245	283.428	ug/l	98
52) Toluene	8.720	92	340964	50.622	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	193456	53.582	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	213470	52.801	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	150668	55.325	ug/l	99
56) Ethyl methacrylate	9.116	69	241161	58.618	ug/l	97
57) 1,3-Dichloropropane	9.311	76	246500	54.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	513063	265.416	ug/l	97
59) 2-Hexanone	9.433	43	798834	289.375	ug/l	96
60) Dibromochloromethane	9.525	129	147946	55.955	ug/l	97
61) 1,2-Dibromoethane	9.610	107	157608	55.821	ug/l	98
64) Tetrachloroethene	9.275	164	121992	47.059	ug/l	93
65) Chlorobenzene	10.079	112	357020	50.769	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	132233	52.359	ug/l	100
67) Ethyl Benzene	10.195	91	631031	49.872	ug/l	99
68) m/p-Xylenes	10.305	106	489361	99.174	ug/l	100
69) o-Xylene	10.640	106	246861	50.637	ug/l	99
70) Styrene	10.659	104	415732	52.083	ug/l	99
71) Bromoform	10.799	173	103336	57.709	ug/l #	99
73) Isopropylbenzene	10.963	105	611116	47.871	ug/l	98
74) N-amyl acetate	10.848	43	257948	58.179	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	227624	55.151	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	206640m	55.711	ug/l	
77) Bromobenzene	11.201	156	148793	51.070	ug/l	96
78) n-propylbenzene	11.305	91	693525	48.235	ug/l	100
79) 2-Chlorotoluene	11.366	91	428806	48.165	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	522086	48.561	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	55625	49.891	ug/l	92
82) 4-Chlorotoluene	11.457	91	486610	47.930	ug/l	99
83) tert-Butylbenzene	11.713	119	508990	48.556	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	528992	49.335	ug/l	100
85) sec-Butylbenzene	11.890	105	626435	48.219	ug/l	100
86) p-Isopropyltoluene	12.012	119	530328	48.753	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	276231	49.770	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	277679	50.109	ug/l	97
89) n-Butylbenzene	12.335	91	444055	48.368	ug/l	100
90) Hexachloroethane	12.542	117	75233	48.300	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	276247	50.635	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49221	53.822	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	168360	50.606	ug/l	98
94) Hexachlorobutadiene	13.725	225	63478	46.603	ug/l	93
95) Naphthalene	13.774	128	667394	55.882	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	170231	51.090	ug/l	95

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

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