

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027898.D
 Acq On : 01 Apr 2022 22:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 02 05:12:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	65675	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	107443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44469	52.478	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.960%			
35) Dibromofluoromethane	5.391	113	35618	51.358	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.720%			
50) Toluene-d8	8.653	98	120154	49.241	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.480%			
62) 4-Bromofluorobenzene	11.085	95	53236	51.339	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	28334	47.612	ug/l	99
3) Chloromethane	1.288	50	24443	46.480	ug/l	97
4) Vinyl Chloride	1.374	62	26518	49.168	ug/l	100
5) Bromomethane	1.599	94	10381	42.687	ug/l	99
6) Chloroethane	1.679	64	16698	45.929	ug/l	100
7) Trichlorofluoromethane	1.886	101	47624	50.337	ug/l	99
8) Diethyl Ether	2.130	74	17530	51.619	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	30401	49.436	ug/l	97
10) Methyl Iodide	2.453	142	34390	48.155	ug/l	93
11) Tert butyl alcohol	2.965	59	44126	271.090	ug/l	100
12) 1,1-Dichloroethene	2.319	96	26234	46.495	ug/l	98
13) Acrolein	2.233	56	40076	328.732	ug/l	97
14) Allyl chloride	2.666	41	49131	47.428	ug/l #	93
15) Acrylonitrile	3.062	53	109379	286.181	ug/l	99
16) Acetone	2.374	43	93892	250.363	ug/l	90
17) Carbon Disulfide	2.514	76	43398	37.599	ug/l	99
18) Methyl Acetate	2.703	43	46248	50.026	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	115158	53.568	ug/l	97
20) Methylene Chloride	2.788	84	32590	48.313	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	27722	45.266	ug/l	87
22) Diisopropyl ether	3.757	45	114530	55.167	ug/l #	74
23) Vinyl Acetate	3.721	43	509747	284.194	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	61897	52.996	ug/l	97
25) 2-Butanone	4.556	43	153813	281.869	ug/l	90
26) 2,2-Dichloropropane	4.477	77	44149	47.328	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	37549	50.846	ug/l	98
28) Bromochloromethane	4.904	49	25217	50.196	ug/l	95
29) Tetrahydrofuran	5.001	42	95315	271.920	ug/l	89
30) Chloroform	5.099	83	67213	51.768	ug/l	96
31) Cyclohexane	5.477	56	45504	48.578	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	56399	50.217	ug/l	99
36) 1,1-Dichloropropene	5.696	75	42854	49.061	ug/l	99
37) Ethyl Acetate	4.715	43	53197	49.126	ug/l	98
38) Carbon Tetrachloride	5.684	117	49391	51.180	ug/l	96
39) Methylcyclohexane	7.385	83	46074	44.824	ug/l	92
40) Benzene	6.044	78	131277	49.593	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	30213	52.455	ug/l	91
42) 1,2-Dichloroethane	6.092	62	52914	50.026	ug/l	96
43) Isopropyl Acetate	6.342	43	81532	47.008	ug/l	94
44) Trichloroethene	7.129	130	36495	50.732	ug/l	98
45) 1,2-Dichloropropane	7.434	63	36428	51.225	ug/l	97
46) Dibromomethane	7.580	93	26495	49.505	ug/l	90
47) Bromodichloromethane	7.824	83	53221	49.929	ug/l	99
48) Methyl methacrylate	7.696	41	46066	50.644	ug/l #	81
49) 1,4-Dioxane	7.659	88	18150	1010.820	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	324416	269.632	ug/l	88
52) Toluene	8.720	92	83238	49.922	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	52588	49.227	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	56425	50.159	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	37522	50.737	ug/l	94
56) Ethyl methacrylate	9.116	69	61157	52.215	ug/l #	77
57) 1,3-Dichloropropane	9.311	76	63169	50.757	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	153975	263.313	ug/l	96
59) 2-Hexanone	9.433	43	253190	273.296	ug/l	85
60) Dibromochloromethane	9.525	129	39124	51.022	ug/l	99
61) 1,2-Dibromoethane	9.610	107	38414	49.711	ug/l	99
64) Tetrachloroethene	9.275	164	32189	49.671	ug/l	94
65) Chlorobenzene	10.079	112	93142	49.486	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	36312	51.412	ug/l	99
67) Ethyl Benzene	10.195	91	170838	50.018	ug/l	99
68) m/p-Xylenes	10.305	106	125513	99.915	ug/l	90
69) o-Xylene	10.646	106	62942	51.299	ug/l	90
70) Styrene	10.659	104	110261	52.871	ug/l	94
71) Bromoform	10.799	173	27900	49.325	ug/l #	99
73) Isopropylbenzene	10.963	105	173766	47.336	ug/l	98
74) N-amyl acetate	10.842	43	80291	48.558	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	63430	50.885	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	59191m	51.178	ug/l	
77) Bromobenzene	11.201	156	39924	47.704	ug/l	87
78) n-propylbenzene	11.305	91	204402	46.607	ug/l	98
79) 2-Chlorotoluene	11.366	91	127626	46.307	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	150438	47.229	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	17292	45.303	ug/l #	78
82) 4-Chlorotoluene	11.457	91	147883	46.757	ug/l	95
83) tert-Butylbenzene	11.719	119	145465	47.227	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	151022	47.550	ug/l	96
85) sec-Butylbenzene	11.890	105	184056	48.421	ug/l	98
86) p-Isopropyltoluene	12.012	119	154507	48.867	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	78633	47.730	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	78603	46.315	ug/l	96
89) n-Butylbenzene	12.335	91	137290	48.291	ug/l	96
90) Hexachloroethane	12.542	117	24393	48.041	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	78866	48.464	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15843	52.796	ug/l	75
93) 1,2,4-Trichlorobenzene	13.591	180	47088	47.316	ug/l	97
94) Hexachlorobutadiene	13.725	225	21280	48.420	ug/l	93
95) Naphthalene	13.780	128	173072	49.809	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47437	48.657	ug/l	96

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

