

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029276.D
 Acq On : 07 Jun 2022 12:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 01:22:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	273570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	452259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170411	55.241	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.480%			
35) Dibromofluoromethane	5.391	113	149721	49.840	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.680%			
50) Toluene-d8	8.647	98	553671	50.394	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	213661	50.308	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	135721	57.058	ug/l	100
3) Chloromethane	1.288	50	139330	55.980	ug/l	100
4) Vinyl Chloride	1.374	62	152142	55.587	ug/l	99
5) Bromomethane	1.611	94	73321	58.931	ug/l	98
6) Chloroethane	1.685	64	91934	45.902	ug/l	96
7) Trichlorofluoromethane	1.886	101	235357	55.327	ug/l	98
8) Diethyl Ether	2.130	74	89816	55.091	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	145952	57.850	ug/l	97
10) Methyl Iodide	2.453	142	160577	51.758	ug/l	97
11) Tert butyl alcohol	2.989	59	153260	214.460	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	136045	55.176	ug/l	98
13) Acrolein	2.239	56	84490	260.937	ug/l	98
14) Allyl chloride	2.660	41	221123	59.714	ug/l	96
15) Acrylonitrile	3.068	53	428118	290.954	ug/l	100
16) Acetone	2.386	43	389697	320.804	ug/l	98
17) Carbon Disulfide	2.508	76	314389	46.489	ug/l	100
18) Methyl Acetate	2.703	43	191146	60.842	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	491200	58.717	ug/l	99
20) Methylene Chloride	2.788	84	160546	56.687	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	152275	54.742	ug/l	98
22) Diisopropyl ether	3.763	45	465477	62.846	ug/l	97
23) Vinyl Acetate	3.721	43	1978091	319.785	ug/l	99
24) 1,1-Dichloroethane	3.611	63	274300	59.858	ug/l	99
25) 2-Butanone	4.556	43	588019	300.080	ug/l	99
26) 2,2-Dichloropropane	4.477	77	217682	57.902	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	183905	55.437	ug/l	96
28) Bromochloromethane	4.897	49	105120	57.011	ug/l	99
29) Tetrahydrofuran	5.007	42	375539	298.853	ug/l	94
30) Chloroform	5.092	83	298108	58.681	ug/l	97
31) Cyclohexane	5.470	56	246228	61.395	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	258177	56.123	ug/l	98
36) 1,1-Dichloropropene	5.696	75	218205	56.453	ug/l	99
37) Ethyl Acetate	4.715	43	218830	58.417	ug/l	100
38) Carbon Tetrachloride	5.678	117	224337	50.786	ug/l	98
39) Methylcyclohexane	7.385	83	273249	57.187	ug/l	97
40) Benzene	6.037	78	644590	56.305	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	124150	61.359	ug/l	94
42) 1,2-Dichloroethane	6.086	62	222104	57.209	ug/l	99
43) Isopropyl Acetate	6.342	43	340339	58.074	ug/l	99
44) Trichloroethene	7.123	130	176166	51.935	ug/l	96
45) 1,2-Dichloropropane	7.434	63	160374	58.130	ug/l	98
46) Dibromomethane	7.580	93	115767	53.865	ug/l	93
47) Bromodichloromethane	7.824	83	226993	53.575	ug/l	97
48) Methyl methacrylate	7.696	41	171053	60.004	ug/l	92
49) 1,4-Dioxane	7.683	88	73411	841.569	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	1111055	285.040	ug/l	98
52) Toluene	8.720	92	423619	55.395	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	237013	54.430	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	263707	55.350	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	173736	54.599	ug/l	99
56) Ethyl methacrylate	9.116	69	260002	57.564	ug/l	94
57) 1,3-Dichloropropane	9.311	76	285368	56.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	640770	299.371	ug/l	97
59) 2-Hexanone	9.433	43	847969	279.536	ug/l	96
60) Dibromochloromethane	9.525	129	173013	47.773	ug/l	98
61) 1,2-Dibromoethane	9.610	107	184101	53.493	ug/l	99
64) Tetrachloroethene	9.275	164	161407	51.189	ug/l	95
65) Chlorobenzene	10.079	112	450892	52.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	167232	50.428	ug/l	98
67) Ethyl Benzene	10.195	91	812146	56.184	ug/l	99
68) m/p-Xylenes	10.305	106	636266	109.604	ug/l	99
69) o-Xylene	10.640	106	309271	53.906	ug/l	100
70) Styrene	10.659	104	519594	54.418	ug/l	98
71) Bromoform	10.799	173	119609	41.777	ug/l #	99
73) Isopropylbenzene	10.963	105	814583	58.514	ug/l	98
74) N-amyl acetate	10.841	43	278785	61.846	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	260417	55.491	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	237473m	56.549	ug/l	
77) Bromobenzene	11.201	156	189487	51.034	ug/l	96
78) n-propylbenzene	11.305	91	941057	60.779	ug/l	100
79) 2-Chlorotoluene	11.366	91	566021	57.836	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	691464	58.019	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	74822	52.272	ug/l	93
82) 4-Chlorotoluene	11.457	91	649268	57.954	ug/l	99
83) tert-Butylbenzene	11.719	119	677909	55.652	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	693307	58.280	ug/l	99
85) sec-Butylbenzene	11.890	105	848686	59.346	ug/l	100
86) p-Isopropyltoluene	12.012	119	712934	57.021	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	361999	51.730	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	364845	50.595	ug/l	97
89) n-Butylbenzene	12.335	91	624277	61.530	ug/l	99
90) Hexachloroethane	12.542	117	113669	50.002	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	354784	51.468	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55269	52.746	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	226264	52.635	ug/l	98
94) Hexachlorobutadiene	13.725	225	92002	51.289	ug/l	95
95) Naphthalene	13.774	128	800259	58.216	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	224802	52.957	ug/l	95

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

