

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029181.D
 Acq On : 03 Jun 2022 10:26
 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 06/06/2022
 Supervised By : Mahesh Dadoda 06/06/2022

Quant Time: Jun 06 02:33:23 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	303395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	493589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	233601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179076	52.343	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.680%			
35) Dibromofluoromethane	5.385	113	155785	47.517	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.040%			
50) Toluene-d8	8.647	98	578843	48.273	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.540%			
62) 4-Bromofluorobenzene	11.079	95	222104	47.917	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	143543	54.414	ug/l	100
3) Chloromethane	1.288	50	133851	48.492	ug/l	98
4) Vinyl Chloride	1.374	62	150576	49.606	ug/l	100
5) Bromomethane	1.605	94	64399	45.746	ug/l	99
6) Chloroethane	1.679	64	93577	41.438	ug/l	98
7) Trichlorofluoromethane	1.886	101	237368	50.315	ug/l	97
8) Diethyl Ether	2.136	74	86230	47.692	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	149572	53.457	ug/l	99
10) Methyl Iodide	2.453	142	171335	49.957	ug/l	98
11) Tert butyl alcohol	2.977	59	173622	219.070	ug/l	98
12) 1,1-Dichloroethene	2.319	96	139484	51.009	ug/l	94
13) Acrolein	2.239	56	63819	177.722	ug/l	97
14) Allyl chloride	2.660	41	216027	52.603	ug/l	97
15) Acrylonitrile	3.062	53	430830	264.014	ug/l	99
16) Acetone	2.380	43	383873	284.944	ug/l	100
17) Carbon Disulfide	2.514	76	330330	44.044	ug/l	100
18) Methyl Acetate	2.703	43	186304	53.471	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	486297	52.416	ug/l	98
20) Methylene Chloride	2.788	84	160748	51.178	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	157060	50.912	ug/l	95
22) Diisopropyl ether	3.764	45	446694	54.381	ug/l	99
23) Vinyl Acetate	3.721	43	1885319	274.826	ug/l	99
24) 1,1-Dichloroethane	3.611	63	272980	53.714	ug/l	100
25) 2-Butanone	4.556	43	579650	266.730	ug/l	98
26) 2,2-Dichloropropane	4.471	77	210112	50.394	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	184198	50.067	ug/l	93
28) Bromochloromethane	4.897	49	110394	53.986	ug/l	97
29) Tetrahydrofuran	5.001	42	366635	263.085	ug/l	97
30) Chloroform	5.093	83	290974	51.646	ug/l	97
31) Cyclohexane	5.471	56	245367	55.166	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	253541	49.697	ug/l	98
36) 1,1-Dichloropropene	5.690	75	213645	50.645	ug/l	99
37) Ethyl Acetate	4.715	43	212401	51.953	ug/l	99
38) Carbon Tetrachloride	5.678	117	221587	45.963	ug/l	99
39) Methylcyclohexane	7.379	83	271889	52.138	ug/l	96
40) Benzene	6.037	78	635376	50.853	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	114774	51.976	ug/l	98
42) 1,2-Dichloroethane	6.086	62	218617	51.596	ug/l	99
43) Isopropyl Acetate	6.342	43	322523	50.425	ug/l	99
44) Trichloroethene	7.129	130	177261	47.826	ug/l	98
45) 1,2-Dichloropropane	7.434	63	158045	52.489	ug/l	96
46) Dibromomethane	7.580	93	115385	49.192	ug/l	95
47) Bromodichloromethane	7.824	83	220368	47.657	ug/l	100
48) Methyl methacrylate	7.696	41	159662	51.318	ug/l	97
49) 1,4-Dioxane	7.665	88	86357	907.085	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1073365	252.313	ug/l	99
52) Toluene	8.720	92	419566	50.271	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	229878	48.371	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	258149	49.646	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	171030	49.248	ug/l	99
56) Ethyl methacrylate	9.116	69	253495	51.424	ug/l	97
57) 1,3-Dichloropropane	9.311	76	280690	50.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	611530	261.787	ug/l	96
59) 2-Hexanone	9.433	43	843778	254.864	ug/l	98
60) Dibromochloromethane	9.525	129	173747	43.958	ug/l	96
61) 1,2-Dibromoethane	9.610	107	180753	48.122	ug/l	97
64) Tetrachloroethene	9.275	164	160169	47.242	ug/l	97
65) Chlorobenzene	10.079	112	446061	48.222	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	164143	46.034	ug/l	99
67) Ethyl Benzene	10.195	91	806402	51.884	ug/l	98
68) m/p-Xylenes	10.305	106	633530	101.497	ug/l	99
69) o-Xylene	10.646	106	309893	50.235	ug/l	100
70) Styrene	10.659	104	527652	51.395	ug/l	99
71) Bromoform	10.799	173	121784	39.561	ug/l #	100
73) Isopropylbenzene	10.963	105	813692	51.834	ug/l	98
74) N-amyl acetate	10.842	43	270113	53.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	264641	50.007	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	241962m	51.095	ug/l	
77) Bromobenzene	11.201	156	188599	45.045	ug/l	98
78) n-propylbenzene	11.305	91	944318	54.086	ug/l	100
79) 2-Chlorotoluene	11.366	91	565527	51.244	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	705048	52.462	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	74107	45.912	ug/l	93
82) 4-Chlorotoluene	11.457	91	655560	51.892	ug/l	100
83) tert-Butylbenzene	11.713	119	687189	50.028	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	707067	52.708	ug/l	99
85) sec-Butylbenzene	11.890	105	866094	53.707	ug/l	100
86) p-Isopropyltoluene	12.012	119	737661	52.320	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	374799	47.496	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	378713	46.573	ug/l	98
89) n-Butylbenzene	12.335	91	633342	55.357	ug/l	99
90) Hexachloroethane	12.542	117	114132	44.523	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	370484	47.661	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	58449	49.466	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	234841	48.446	ug/l	98
94) Hexachlorobutadiene	13.725	225	95974	47.400	ug/l	95
95) Naphthalene	13.774	128	832105	53.680	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	234388	48.965	ug/l	95

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

