

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051022\
 Data File : VX028610.D
 Acq On : 10 May 2022 21:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 11 07:06:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	299096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	481209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	446603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	249637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	188551	48.348	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.700%		
35) Dibromofluoromethane	5.385	113	178178	52.798	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.600%		
50) Toluene-d8	8.653	98	593395	45.781	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.560%		
62) 4-Bromofluorobenzene	11.079	95	235566	47.532	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100604	52.107	ug/l	98
3) Chloromethane	1.288	50	99512	51.182	ug/l	99
4) Vinyl Chloride	1.374	62	125071	41.480	ug/l	98
5) Bromomethane	1.599	94	124863	45.789	ug/l	100
6) Chloroethane	1.679	64	91099	41.655	ug/l	97
7) Trichlorofluoromethane	1.886	101	240208	36.127	ug/l	96
8) Diethyl Ether	2.136	74	100156	50.145	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	132104	54.542	ug/l	96
10) Methyl Iodide	2.453	142	165279	49.908	ug/l	98
11) Tert butyl alcohol	2.977	59	190081	254.696	ug/l	100
12) 1,1-Dichloroethene	2.319	96	118047	51.356	ug/l	93
13) Acrolein	2.233	56	120321	251.744	ug/l	97
14) Allyl chloride	2.666	41	175188	45.420	ug/l	94
15) Acrylonitrile	3.062	53	422319	265.732	ug/l	99
16) Acetone	2.380	43	345628	290.391	ug/l	96
17) Carbon Disulfide	2.508	76	199137	32.170	ug/l	100
18) Methyl Acetate	2.703	43	185542	53.510	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	496792	51.829	ug/l	98
20) Methylene Chloride	2.788	84	150408	51.979	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	133853	42.818	ug/l	93
22) Diisopropyl ether	3.764	45	430345	48.987	ug/l	91
23) Vinyl Acetate	3.721	43	1871625	243.863	ug/l	99
24) 1,1-Dichloroethane	3.611	63	256696	49.487	ug/l	99
25) 2-Butanone	4.556	43	573653	248.373	ug/l	99
26) 2,2-Dichloropropane	4.483	77	184293	36.389	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	180452	48.412	ug/l	92
28) Bromochloromethane	4.897	49	87260	39.210	ug/l	88
29) Tetrahydrofuran	5.007	42	357377	237.306	ug/l	99
30) Chloroform	5.099	83	300701	48.271	ug/l	99
31) Cyclohexane	5.471	56	176435	37.134	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	255432	45.282	ug/l	98
36) 1,1-Dichloropropene	5.696	75	185881	42.227	ug/l	96
37) Ethyl Acetate	4.715	43	219263	49.089	ug/l	99
38) Carbon Tetrachloride	5.678	117	217004	43.669	ug/l	98
39) Methylcyclohexane	7.385	83	197006	35.470	ug/l	94
40) Benzene	6.044	78	590717	45.844	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	114550	49.707	ug/l	99
42) 1,2-Dichloroethane	6.092	62	218136	45.605	ug/l	98
43) Isopropyl Acetate	6.342	43	348662	47.963	ug/l	98
44) Trichloroethene	7.129	130	171679	45.945	ug/l	97
45) 1,2-Dichloropropane	7.434	63	155735	49.376	ug/l	100
46) Dibromomethane	7.586	93	119739	48.396	ug/l	98
47) Bromodichloromethane	7.824	83	232600	48.914	ug/l	97
48) Methyl methacrylate	7.696	41	164402	49.259	ug/l	94
49) 1,4-Dioxane	7.665	88	92079	1031.303	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	1162847	249.277	ug/l	98
52) Toluene	8.720	92	398997	44.570	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	232417	45.988	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	253484	46.708	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	185155	50.905	ug/l	99
56) Ethyl methacrylate	9.116	69	269607	51.135	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	285899	48.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	613605	248.042	ug/l	93
59) 2-Hexanone	9.433	43	909609	251.726	ug/l	96
60) Dibromochloromethane	9.525	129	194970	49.170	ug/l	96
61) 1,2-Dibromoethane	9.610	107	190782	47.811	ug/l	98
64) Tetrachloroethene	9.275	164	139323	39.939	ug/l	98
65) Chlorobenzene	10.079	112	472334	49.605	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	185418	52.274	ug/l	99
67) Ethyl Benzene	10.195	91	785994	49.227	ug/l	97
68) m/p-Xylenes	10.305	106	627953	96.634	ug/l	96
69) o-Xylene	10.640	106	316906	48.913	ug/l	95
70) Styrene	10.659	104	543207	51.752	ug/l	98
71) Bromoform	10.799	173	148992	45.840	ug/l #	98
73) Isopropylbenzene	10.963	105	819020	47.733	ug/l	99
74) N-amyl acetate	10.848	43	323100	54.480	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	313413	56.289	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	264033m	53.742	ug/l	
77) Bromobenzene	11.201	156	219213	49.055	ug/l	90
78) n-propylbenzene	11.305	91	904841	47.557	ug/l	97
79) 2-Chlorotoluene	11.366	91	564487	47.721	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	687054	47.172	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	77001	46.576	ug/l	91
82) 4-Chlorotoluene	11.457	91	648619	47.602	ug/l	95
83) tert-Butylbenzene	11.713	119	722605	48.586	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	695514	48.038	ug/l	99
85) sec-Butylbenzene	11.890	105	821897	45.806	ug/l	98
86) p-Isopropyltoluene	12.012	119	714995	46.189	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	422371	50.302	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	422662	47.941	ug/l	99
89) n-Butylbenzene	12.335	91	572770	45.062	ug/l	98
90) Hexachloroethane	12.542	117	118260	42.732	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	434518	52.092	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64090	51.757	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	260367	52.481	ug/l	100
94) Hexachlorobutadiene	13.725	225	104307	47.117	ug/l	95
95) Naphthalene	13.774	128	925839	56.021	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	262632	53.932	ug/l	97

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

