

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VO050222\
 Data File : VX028489.D
 Acq On : 02 May 2022 21:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 03 04:55:06 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 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	321567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	514416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	492846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	272181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185602	44.266	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.540%		
35) Dibromofluoromethane	5.391	113	171142	47.440	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.880%		
50) Toluene-d8	8.653	98	616178	44.470	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	88.940%		
62) 4-Bromofluorobenzene	11.085	95	241227	45.532	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	127374	61.362	ug/l	99
3) Chloromethane	1.288	50	121715	58.575	ug/l	99
4) Vinyl Chloride	1.374	62	155145	47.858	ug/l	98
5) Bromomethane	1.599	94	153661	53.828	ug/l	98
6) Chloroethane	1.672	64	112126	48.187	ug/l	99
7) Trichlorofluoromethane	1.880	101	291775	40.816	ug/l	97
8) Diethyl Ether	2.136	74	112341	52.459	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	148594	57.063	ug/l	99
10) Methyl Iodide	2.453	142	184763	51.684	ug/l	96
11) Tert butyl alcohol	2.977	59	197591	245.915	ug/l	99
12) 1,1-Dichloroethene	2.319	96	134726	54.516	ug/l	94
13) Acrolein	2.233	56	129889	252.772	ug/l	99
14) Allyl chloride	2.660	41	196967	47.499	ug/l	93
15) Acrylonitrile	3.062	53	456550	267.197	ug/l	99
16) Acetone	2.380	43	368655	288.082	ug/l	95
17) Carbon Disulfide	2.508	76	257961	38.761	ug/l	99
18) Methyl Acetate	2.703	43	196352	52.670	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	537962	52.202	ug/l	98
20) Methylene Chloride	2.788	84	164468	52.866	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	160961	47.892	ug/l	91
22) Diisopropyl ether	3.764	45	466218	49.362	ug/l	91
23) Vinyl Acetate	3.721	43	2026326	245.570	ug/l	99
24) 1,1-Dichloroethane	3.611	63	283676	50.867	ug/l	98
25) 2-Butanone	4.556	43	613729	247.156	ug/l	98
26) 2,2-Dichloropropane	4.477	77	216087	39.685	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	199489	49.779	ug/l	92
28) Bromochloromethane	4.904	49	102675	42.912	ug/l	88
29) Tetrahydrofuran	5.007	42	388016	239.646	ug/l	98
30) Chloroform	5.099	83	328477	49.045	ug/l	97
31) Cyclohexane	5.471	56	221683	43.396	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	285832	47.130	ug/l	98
36) 1,1-Dichloropropene	5.696	75	218864	46.510	ug/l	98
37) Ethyl Acetate	4.715	43	234963	49.209	ug/l	99
38) Carbon Tetrachloride	5.684	117	247685	46.625	ug/l	99
39) Methylcyclohexane	7.385	83	247684	41.715	ug/l	95
40) Benzene	6.037	78	676829	49.136	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	125671	51.013	ug/l	98
42) 1,2-Dichloroethane	6.086	62	239007	46.743	ug/l	99
43) Isopropyl Acetate	6.342	43	373649	48.082	ug/l	98
44) Trichloroethene	7.129	130	200507	50.196	ug/l	95
45) 1,2-Dichloropropane	7.434	63	168439	49.957	ug/l	97
46) Dibromomethane	7.586	93	132711	50.176	ug/l	99
47) Bromodichloromethane	7.824	83	246902	48.570	ug/l	99
48) Methyl methacrylate	7.696	41	173856	48.729	ug/l	94
49) 1,4-Dioxane	7.665	88	92200	965.997	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	1257780	252.223	ug/l	99
52) Toluene	8.720	92	459652	48.031	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	257296	47.625	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	276248	47.617	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	202819	52.162	ug/l	99
56) Ethyl methacrylate	9.116	69	297433	52.771	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	319081	50.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	669449	253.147	ug/l	94
59) 2-Hexanone	9.433	43	992705	256.988	ug/l	96
60) Dibromochloromethane	9.525	129	214247	50.544	ug/l	97
61) 1,2-Dibromoethane	9.610	107	212145	49.733	ug/l	98
64) Tetrachloroethene	9.275	164	192101	49.901	ug/l	98
65) Chlorobenzene	10.079	112	529842	50.423	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	203671	52.032	ug/l	99
67) Ethyl Benzene	10.195	91	900472	51.106	ug/l	97
68) m/p-Xylenes	10.305	106	725318	101.144	ug/l	96
69) o-Xylene	10.646	106	361723	50.592	ug/l	95
70) Styrene	10.659	104	616361	53.212	ug/l	99
71) Bromoform	10.805	173	163893	45.705	ug/l	99
73) Isopropylbenzene	10.963	105	950155	50.789	ug/l	100
74) N-amyl acetate	10.848	43	350085	54.141	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	321160	52.902	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	285603m	53.317	ug/l	
77) Bromobenzene	11.201	156	248292	50.960	ug/l	91
78) n-propylbenzene	11.305	91	1058266	51.014	ug/l	96
79) 2-Chlorotoluene	11.366	91	640725	49.680	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	796316	50.145	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	88895	49.316	ug/l	93
82) 4-Chlorotoluene	11.457	91	745166	50.158	ug/l	96
83) tert-Butylbenzene	11.719	119	814575	50.233	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	800675	50.721	ug/l	97
85) sec-Butylbenzene	11.890	105	968437	49.502	ug/l	98
86) p-Isopropyltoluene	12.012	119	833945	49.412	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	470779	51.424	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	480404	49.977	ug/l	98
89) n-Butylbenzene	12.335	91	670787	48.403	ug/l	98
90) Hexachloroethane	12.542	117	137717	45.518	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	470684	51.754	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	68572	50.790	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	283069	52.331	ug/l	100
94) Hexachlorobutadiene	13.725	225	113748	47.126	ug/l	94
95) Naphthalene	13.780	128	1002496	55.635	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	288746	54.383	ug/l	97

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

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