

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027367.D
 Acq On : 10 Mar 2022 10:49
 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 03/11/2022
 Supervised By : Mahesh Dadoda 03/11/2022

Quant Time: Mar 11 00:43:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	327899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	502228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	465519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	176191	46.077	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.160%		
35) Dibromofluoromethane	5.385	113	166181	51.280	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.560%		
50) Toluene-d8	8.647	98	624172	51.018	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.040%		
62) 4-Bromofluorobenzene	11.079	95	236166	50.648	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	174715	51.981	ug/l	100
3) Chloromethane	1.295	50	167447	47.376	ug/l	100
4) Vinyl Chloride	1.374	62	174341	47.994	ug/l	98
5) Bromomethane	1.599	94	85877	59.420	ug/l	97
6) Chloroethane	1.679	64	101214	48.075	ug/l	100
7) Trichlorofluoromethane	1.886	101	248943	49.212	ug/l	98
8) Diethyl Ether	2.136	74	92098	46.724	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	170133	51.443	ug/l	94
10) Methyl Iodide	2.447	142	247034	52.919	ug/l	99
11) Tert butyl alcohol	2.965	59	159525	212.808	ug/l	100
12) 1,1-Dichloroethene	2.319	96	164697	51.801	ug/l	90
13) Acrolein	2.233	56	140811	267.980	ug/l	98
14) Allyl chloride	2.660	41	240865	48.299	ug/l	95
15) Acrylonitrile	3.063	53	472150	239.329	ug/l	100
16) Acetone	2.380	43	364584	245.968	ug/l	100
17) Carbon Disulfide	2.508	76	414170	47.947	ug/l	100
18) Methyl Acetate	2.703	43	194131	46.184	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	521599	49.516	ug/l	100
20) Methylene Chloride	2.788	84	185647	49.696	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	177432	50.209	ug/l	93
22) Diisopropyl ether	3.758	45	496074	49.759	ug/l #	86
23) Vinyl Acetate	3.721	43	2089744	250.562	ug/l	98
24) 1,1-Dichloroethane	3.605	63	299213	49.428	ug/l	99
25) 2-Butanone	4.556	43	608181	230.904	ug/l	100
26) 2,2-Dichloropropane	4.477	77	221925	51.130	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	207701	50.659	ug/l	93
28) Bromochloromethane	4.898	49	113491	45.058	ug/l	90
29) Tetrahydrofuran	5.001	42	403294	231.408	ug/l	95
30) Chloroform	5.093	83	320395	50.146	ug/l	98
31) Cyclohexane	5.471	56	276458	51.688	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	279671	51.214	ug/l	98
36) 1,1-Dichloropropene	5.690	75	235518	52.345	ug/l	97
37) Ethyl Acetate	4.715	43	230182	48.533	ug/l	99
38) Carbon Tetrachloride	5.678	117	253228	54.428	ug/l	99
39) Methylcyclohexane	7.379	83	313555	55.187	ug/l	98
40) Benzene	6.038	78	718960	52.464	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	127466	49.847	ug/l	98
42) 1,2-Dichloroethane	6.086	62	231823	51.785	ug/l	100
43) Isopropyl Acetate	6.342	43	356529	49.867	ug/l	100
44) Trichloroethene	7.123	130	205466	54.589	ug/l	99
45) 1,2-Dichloropropane	7.434	63	181696	52.914	ug/l	98
46) Dibromomethane	7.580	93	130894	53.579	ug/l	97
47) Bromodichloromethane	7.824	83	244966	54.297	ug/l	99
48) Methyl methacrylate	7.690	41	183304	51.558	ug/l	94
49) 1,4-Dioxane	7.659	88	84932	912.257	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1195134	249.680	ug/l	99
52) Toluene	8.720	92	477346	54.639	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	262427	56.691	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	290790	55.962	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	197571	54.190	ug/l	98
56) Ethyl methacrylate	9.116	69	289947	53.916	ug/l	97
57) 1,3-Dichloropropane	9.311	76	311355	52.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	690888	254.452	ug/l	98
59) 2-Hexanone	9.433	43	913067	246.943	ug/l	96
60) Dibromochloromethane	9.525	129	212117	57.004	ug/l	97
61) 1,2-Dibromoethane	9.610	107	208364	55.341	ug/l	98
64) Tetrachloroethene	9.275	164	179530	55.032	ug/l	98
65) Chlorobenzene	10.080	112	532120	54.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	194112	56.689	ug/l	99
67) Ethyl Benzene	10.195	91	919152	54.420	ug/l	96
68) m/p-Xylenes	10.299	106	734421	110.857	ug/l	97
69) o-Xylene	10.640	106	358520	54.813	ug/l	98
70) Styrene	10.659	104	609801	56.166	ug/l	99
71) Bromoform	10.799	173	162076	57.958	ug/l #	99
73) Isopropylbenzene	10.964	105	941276	54.534	ug/l	100
74) N-amyl acetate	10.842	43	315829	50.065	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	295528	49.825	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	268288m	51.814	ug/l	
77) Bromobenzene	11.201	156	239353	54.954	ug/l	92
78) n-propylbenzene	11.305	91	1070479	55.136	ug/l	97
79) 2-Chlorotoluene	11.366	91	639093	52.668	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	800766	54.114	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	87508	54.657	ug/l	97
82) 4-Chlorotoluene	11.457	91	731673	53.302	ug/l	97
83) tert-Butylbenzene	11.713	119	816930	55.230	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	803175	54.725	ug/l	100
85) sec-Butylbenzene	11.890	105	996311	55.847	ug/l	99
86) p-Isopropyltoluene	12.012	119	856569	56.712	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	443587	54.209	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	443425	53.523	ug/l	99
89) n-Butylbenzene	12.335	91	709649	56.093	ug/l	98
90) Hexachloroethane	12.543	117	135589	57.597	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	431703	53.509	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	68242	54.914	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	303440	57.298	ug/l	99
94) Hexachlorobutadiene	13.725	225	131606	56.673	ug/l	94
95) Naphthalene	13.774	128	999252	56.205	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	300219	56.728	ug/l	96

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

