

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027365.D
 Acq On : 09 Mar 2022 21:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/11/2022

Quant Time: Mar 10 00:37:33 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	5.556	168	347080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	547789	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	512023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184653	45.622	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.240%		
35) Dibromofluoromethane	5.391	113	173984	49.222	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.440%		
50) Toluene-d8	8.653	98	658769	49.367	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.740%		
62) 4-Bromofluorobenzene	11.085	95	250613	49.276	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	164062	46.114	ug/l	99
3) Chloromethane	1.294	50	159383	42.603	ug/l	100
4) Vinyl Chloride	1.374	62	168273	43.763	ug/l	100
5) Bromomethane	1.599	94	71809	45.738	ug/l	97
6) Chloroethane	1.678	64	100378	44.666	ug/l	100
7) Trichlorofluoromethane	1.880	101	238975	44.630	ug/l	98
8) Diethyl Ether	2.136	74	91331	43.775	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	157835	45.087	ug/l	95
10) Methyl Iodide	2.453	142	248981	50.388	ug/l	98
11) Tert butyl alcohol	2.971	59	178138	224.505	ug/l	99
12) 1,1-Dichloroethene	2.318	96	158312	47.041	ug/l	91
13) Acrolein	2.233	56	133394	239.835	ug/l	98
14) Allyl chloride	2.666	41	230209	43.611	ug/l	95
15) Acrylonitrile	3.062	53	464626	222.500	ug/l	100
16) Acetone	2.379	43	351064	223.494	ug/l	99
17) Carbon Disulfide	2.507	76	394068	43.099	ug/l	99
18) Methyl Acetate	2.703	43	191190	42.971	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	510083	45.746	ug/l	99
20) Methylene Chloride	2.788	84	177860	44.981	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	170275	45.521	ug/l	95
22) Diisopropyl ether	3.763	45	479821	45.469	ug/l	93
23) Vinyl Acetate	3.727	43	2020924	228.920	ug/l	98
24) 1,1-Dichloroethane	3.611	63	290107	45.275	ug/l	99
25) 2-Butanone	4.562	43	600583	215.418	ug/l	100
26) 2,2-Dichloropropane	4.477	77	187234	40.754	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	200308	46.156	ug/l	92
28) Bromochloromethane	4.897	49	118482	44.440	ug/l	90
29) Tetrahydrofuran	5.007	42	399201	216.401	ug/l	96
30) Chloroform	5.098	83	308291	45.585	ug/l	100
31) Cyclohexane	5.470	56	259509	45.838	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	269305	46.590	ug/l	97
36) 1,1-Dichloropropene	5.696	75	225098	45.868	ug/l	96
37) Ethyl Acetate	4.720	43	227486	43.975	ug/l	99
38) Carbon Tetrachloride	5.678	117	242545	47.796	ug/l	99
39) Methylcyclohexane	7.385	83	288876	46.615	ug/l	100
40) Benzene	6.043	78	693761	46.414	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	127004	45.536	ug/l	96
42) 1,2-Dichloroethane	6.092	62	225463	46.175	ug/l	99
43) Isopropyl Acetate	6.342	43	352505	45.204	ug/l	99
44) Trichloroethene	7.129	130	199023	48.479	ug/l	99
45) 1,2-Dichloropropane	7.433	63	173849	46.418	ug/l	99
46) Dibromomethane	7.586	93	126851	47.606	ug/l	97
47) Bromodichloromethane	7.824	83	237500	48.264	ug/l	99
48) Methyl methacrylate	7.696	41	178186	45.950	ug/l	94
49) 1,4-Dioxane	7.665	88	99231	977.194	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	1186181	227.199	ug/l	98
52) Toluene	8.720	92	459361	48.208	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	245095	48.543	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	273239	48.211	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	191024	48.037	ug/l	99
56) Ethyl methacrylate	9.116	69	287185	48.961	ug/l	98
57) 1,3-Dichloropropane	9.311	76	302857	47.177	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	692471	233.823	ug/l	98
59) 2-Hexanone	9.433	43	913181	226.432	ug/l	97
60) Dibromochloromethane	9.524	129	202009	49.773	ug/l	96
61) 1,2-Dibromoethane	9.610	107	203978	49.670	ug/l	99
64) Tetrachloroethene	9.275	164	169936	47.360	ug/l	99
65) Chlorobenzene	10.079	112	516896	47.984	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	187125	49.685	ug/l	99
67) Ethyl Benzene	10.195	91	890986	47.961	ug/l	96
68) m/p-Xylenes	10.305	106	708928	97.290	ug/l	98
69) o-Xylene	10.646	106	352621	49.015	ug/l	98
70) Styrene	10.658	104	590101	49.415	ug/l	99
71) Bromoform	10.799	173	155134	50.437	ug/l #	99
73) Isopropylbenzene	10.963	105	905670	48.199	ug/l	100
74) N-amyl acetate	10.847	43	314416	45.782	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	295492	45.762	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	257582m	45.696	ug/l	
77) Bromobenzene	11.201	156	234306	49.415	ug/l	92
78) n-propylbenzene	11.305	91	1018473	48.186	ug/l	98
79) 2-Chlorotoluene	11.366	91	616826	46.694	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	768599	47.711	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79872	45.825	ug/l	94
82) 4-Chlorotoluene	11.457	91	703872	47.102	ug/l	97
83) tert-Butylbenzene	11.719	119	783195	48.638	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	767585	48.042	ug/l	99
85) sec-Butylbenzene	11.890	105	941385	48.472	ug/l	100
86) p-Isopropyltoluene	12.012	119	801622	48.752	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	426066	47.829	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	427961	47.450	ug/l	99
89) n-Butylbenzene	12.335	91	649898	47.187	ug/l	98
90) Hexachloroethane	12.542	117	125727	49.059	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	420549	47.882	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65423	48.359	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	283407	49.158	ug/l	99
94) Hexachlorobutadiene	13.725	225	119783	47.382	ug/l	94
95) Naphthalene	13.780	128	977604	50.510	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	287611	49.921	ug/l	95

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

