

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025443.D
 Acq On : 02 Dec 2021 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 03 03:12:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	93606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	149954	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46324	46.950	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.900%		
35) Dibromofluoromethane	5.391	113	41158	44.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.460%		
50) Toluene-d8	8.653	98	150017	43.366	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	86.740%#		
62) 4-Bromofluorobenzene	11.085	95	57242	43.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	40912	50.420	ug/l	99
3) Chloromethane	1.294	50	41203	41.011	ug/l	98
4) Vinyl Chloride	1.374	62	47103	42.702	ug/l	99
5) Bromomethane	1.599	94	17813	37.561	ug/l	97
6) Chloroethane	1.678	64	39092	51.363	ug/l	99
7) Trichlorofluoromethane	1.880	101	76675	46.832	ug/l	99
8) Diethyl Ether	2.136	74	29909	44.266	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	41796	47.979	ug/l	97
10) Methyl Iodide	2.447	142	35813	32.880	ug/l	94
11) Tert butyl alcohol	2.977	59	58234	238.177	ug/l	98
12) 1,1-Dichloroethene	2.312	96	40496	46.677	ug/l	91
13) Acrolein	2.239	56	12202	269.947	ug/l	99
14) Allyl chloride	2.660	41	67574	43.036	ug/l	96
15) Acrylonitrile	3.068	53	131441	248.249	ug/l	98
16) Acetone	2.386	43	107788	196.602	ug/l	96
17) Carbon Disulfide	2.508	76	95611	39.175	ug/l	97
18) Methyl Acetate	2.709	43	83858	47.873	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	145527	48.141	ug/l	98
20) Methylene Chloride	2.788	84	47366	45.959	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	44096	46.396	ug/l	86
22) Diisopropyl ether	3.763	45	143364	47.945	ug/l	96
23) Vinyl Acetate	3.727	43	569464	237.088	ug/l	96
24) 1,1-Dichloroethane	3.611	63	79643	48.745	ug/l	97
25) 2-Butanone	4.562	43	181815	229.374	ug/l	97
26) 2,2-Dichloropropane	4.477	77	58518	39.505	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	53346	48.064	ug/l	90
28) Bromochloromethane	4.897	49	36416	47.798	ug/l	91
29) Tetrahydrofuran	5.013	42	118085	240.600	ug/l	96
30) Chloroform	5.099	83	84329	49.595	ug/l	100
31) Cyclohexane	5.470	56	68407	44.865	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	75894	48.752	ug/l	98
36) 1,1-Dichloropropene	5.696	75	59405	45.406	ug/l	97
37) Ethyl Acetate	4.721	43	69824	46.909	ug/l	98
38) Carbon Tetrachloride	5.684	117	66780	46.343	ug/l	97
39) Methylcyclohexane	7.385	83	72240	43.047	ug/l	93
40) Benzene	6.043	78	182958	46.164	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38030	46.032	ug/l	96
42) 1,2-Dichloroethane	6.092	62	63536	49.270	ug/l	94
43) Isopropyl Acetate	6.342	43	114254	46.122	ug/l	97
44) Trichloroethene	7.129	130	53515	46.482	ug/l	94
45) 1,2-Dichloropropane	7.433	63	45695	46.944	ug/l	100
46) Dibromomethane	7.586	93	34080	48.229	ug/l	94
47) Bromodichloromethane	7.824	83	64340	46.333	ug/l	100
48) Methyl methacrylate	7.696	41	52992	45.580	ug/l	95
49) 1,4-Dioxane	7.665	88	23983	976.852	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	371250	239.001	ug/l	98
52) Toluene	8.720	92	120740	46.664	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	67048	43.418	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	72941	43.575	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	50132	48.749	ug/l	97
56) Ethyl methacrylate	9.116	69	77278	46.306	ug/l	97
57) 1,3-Dichloropropane	9.311	76	80948	47.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	178182	229.488	ug/l	95
59) 2-Hexanone	9.433	43	285344	233.009	ug/l	96
60) Dibromochloromethane	9.525	129	54611	46.139	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53236	47.796	ug/l	99
64) Tetrachloroethene	9.275	164	54256	47.998	ug/l	94
65) Chlorobenzene	10.079	112	133656	47.846	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50522	47.161	ug/l	99
67) Ethyl Benzene	10.195	91	230958	47.843	ug/l	97
68) m/p-Xylenes	10.305	106	184631	93.637	ug/l	93
69) o-Xylene	10.646	106	92039	47.692	ug/l	91
70) Styrene	10.659	104	152024	47.683	ug/l	97
71) Bromoform	10.805	173	41143	44.237	ug/l #	98
73) Isopropylbenzene	10.963	105	236303	47.194	ug/l	98
74) N-amyl acetate	10.847	43	101199	46.728	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	77612	47.921	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	59289m	41.210	ug/l	
77) Bromobenzene	11.201	156	60820	47.232	ug/l	94
78) n-propylbenzene	11.305	91	265191	47.184	ug/l	98
79) 2-Chlorotoluene	11.366	91	159841	46.714	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	196202	46.617	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	18703	32.749	ug/l	95
82) 4-Chlorotoluene	11.457	91	181651	46.507	ug/l	96
83) tert-Butylbenzene	11.719	119	199306	46.597	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	197846	47.562	ug/l	95
85) sec-Butylbenzene	11.890	105	249023	47.889	ug/l	98
86) p-Isopropyltoluene	12.012	119	208553	46.679	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	111795	46.639	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	112585	46.353	ug/l	97
89) n-Butylbenzene	12.335	91	173344	46.031	ug/l	97
90) Hexachloroethane	12.542	117	30945	37.585	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	109811	47.008	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15907	47.021	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	69276	50.384	ug/l	99
94) Hexachlorobutadiene	13.725	225	29276	44.345	ug/l	97
95) Naphthalene	13.780	128	240950	50.834	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70057	52.085	ug/l	100

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

