

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025535.D
 Acq On : 04 Dec 2021 20:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/06/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 06 01:09:29 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	78234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	124430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44346	53.776	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.560%			
35) Dibromofluoromethane	5.391	113	39569	51.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	8.653	98	144274	50.261	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.079	95	55401	51.016	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35316	52.076	ug/l	100
3) Chloromethane	1.294	50	35310	42.051	ug/l	97
4) Vinyl Chloride	1.374	62	39460	42.802	ug/l	99
5) Bromomethane	1.599	94	22989	58.000	ug/l	99
6) Chloroethane	1.678	64	26924	42.326	ug/l	99
7) Trichlorofluoromethane	1.886	101	65044	47.534	ug/l	98
8) Diethyl Ether	2.136	74	26143	46.294	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	38053	52.266	ug/l	99
10) Methyl Iodide	2.453	142	36486	40.079	ug/l	94
11) Tert butyl alcohol	2.965	59	44126	215.070	ug/l	97
12) 1,1-Dichloroethene	2.319	96	35358	48.763	ug/l	94
13) Acrolein	2.239	56	9992	264.489	ug/l	99
14) Allyl chloride	2.666	41	59117	45.048	ug/l	97
15) Acrylonitrile	3.068	53	112000	253.094	ug/l	99
16) Acetone	2.380	43	93696	204.478	ug/l	97
17) Carbon Disulfide	2.514	76	77534	38.011	ug/l	98
18) Methyl Acetate	2.703	43	71310	48.708	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	128473	50.850	ug/l	100
20) Methylene Chloride	2.788	84	41222	47.856	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	39483	49.705	ug/l	88
22) Diisopropyl ether	3.763	45	127600	51.057	ug/l	97
23) Vinyl Acetate	3.727	43	502137	250.135	ug/l	97
24) 1,1-Dichloroethane	3.611	63	70950	51.957	ug/l	96
25) 2-Butanone	4.562	43	155145	234.186	ug/l	98
26) 2,2-Dichloropropane	4.477	77	52312	42.254	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	47196	50.878	ug/l	90
28) Bromochloromethane	4.903	49	33364	52.397	ug/l	92
29) Tetrahydrofuran	5.007	42	100865	245.895	ug/l	97
30) Chloroform	5.099	83	76074	53.531	ug/l	97
31) Cyclohexane	5.470	56	60509	47.483	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	66638	51.218	ug/l	99
36) 1,1-Dichloropropene	5.696	75	53439	49.225	ug/l	98
37) Ethyl Acetate	4.714	43	59525	48.192	ug/l	98
38) Carbon Tetrachloride	5.678	117	58993	49.337	ug/l	100
39) Methylcyclohexane	7.385	83	64579	46.376	ug/l	94
40) Benzene	6.043	78	162264	49.341	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33139	48.339	ug/l	97
42) 1,2-Dichloroethane	6.086	62	57827	54.041	ug/l	94
43) Isopropyl Acetate	6.342	43	98303	47.823	ug/l	98
44) Trichloroethene	7.129	130	49632	51.952	ug/l	91
45) 1,2-Dichloropropane	7.433	63	41473	51.346	ug/l	100
46) Dibromomethane	7.586	93	30088	51.314	ug/l	94
47) Bromodichloromethane	7.824	83	58080	50.404	ug/l	96
48) Methyl methacrylate	7.696	41	46303	47.996	ug/l	96
49) 1,4-Dioxane	7.659	88	17715	869.560	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	320212	248.430	ug/l	99
52) Toluene	8.720	92	106019	49.379	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	59377	46.338	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	65635	47.254	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	44823	52.527	ug/l	98
56) Ethyl methacrylate	9.116	69	68809	49.689	ug/l	95
57) 1,3-Dichloropropane	9.311	76	73181	51.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	158450	245.935	ug/l	95
59) 2-Hexanone	9.433	43	240105	236.286	ug/l	97
60) Dibromochloromethane	9.525	129	47546	48.410	ug/l	100
61) 1,2-Dibromoethane	9.610	107	47676	51.585	ug/l	100
64) Tetrachloroethene	9.275	164	47069	49.017	ug/l	96
65) Chlorobenzene	10.079	112	119994	50.565	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	44748	49.171	ug/l	97
67) Ethyl Benzene	10.195	91	204538	49.876	ug/l	97
68) m/p-Xylenes	10.305	106	163522	97.622	ug/l	93
69) o-Xylene	10.646	106	81176	49.514	ug/l	92
70) Styrene	10.659	104	136635	50.448	ug/l	97
71) Bromoform	10.799	173	35618	45.080	ug/l #	99
73) Isopropylbenzene	10.963	105	210846	47.743	ug/l	98
74) N-amyl acetate	10.841	43	84776	44.381	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	67818	47.476	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	52282m	41.201	ug/l	
77) Bromobenzene	11.201	156	53843	47.408	ug/l	95
78) n-propylbenzene	11.305	91	241939	48.806	ug/l	98
79) 2-Chlorotoluene	11.366	91	143484	47.544	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	176766	47.618	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	18476	36.680	ug/l	98
82) 4-Chlorotoluene	11.457	91	164607	47.781	ug/l	97
83) tert-Butylbenzene	11.719	119	177116	46.948	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	176618	48.139	ug/l	96
85) sec-Butylbenzene	11.890	105	223838	48.805	ug/l	98
86) p-Isopropyltoluene	12.012	119	188082	47.729	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	101266	47.898	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	102048	47.636	ug/l	98
89) n-Butylbenzene	12.335	91	159130	47.910	ug/l	96
90) Hexachloroethane	12.542	117	29999	41.310	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	98242	47.682	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	13710	45.948	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	64582	53.254	ug/l	97
94) Hexachlorobutadiene	13.725	225	26508	45.524	ug/l	99
95) Naphthalene	13.780	128	210458	50.338	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63917	53.877	ug/l	99

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

