

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026417.D
 Acq On : 11 Jan 2022 13:11
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 11 13:57:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 13:56:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	109289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177999	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79167	50.071	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.140%			
35) Dibromofluoromethane	5.391	113	60444	52.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.460%			
50) Toluene-d8	8.653	98	214528	49.839	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.680%			
62) 4-Bromofluorobenzene	11.079	95	76933	50.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	65381	56.961	ug/l	98
3) Chloromethane	1.294	50	58100	43.485	ug/l	98
4) Vinyl Chloride	1.380	62	63843	45.403	ug/l	98
5) Bromomethane	1.617	94	28346	32.665	ug/l	99
6) Chloroethane	1.691	64	31483	31.840	ug/l	99
7) Trichlorofluoromethane	1.892	101	102374	42.265	ug/l	96
8) Diethyl Ether	2.136	74	36211	43.517	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	61923	48.493	ug/l	98
10) Methyl Iodide	2.459	142	62607	37.913	ug/l	99
11) Tert butyl alcohol	3.007	59	56398m	178.590	ug/l	
12) 1,1-Dichloroethene	2.325	96	59126	48.857	ug/l	92
13) Acrolein	2.239	56	53968	477.920	ug/l	99
14) Allyl chloride	2.672	41	110768	46.315	ug/l	97
15) Acrylonitrile	3.068	53	166846	213.394	ug/l	99
16) Acetone	2.392	43	202008	235.809	ug/l	96
17) Carbon Disulfide	2.520	76	167081	48.105	ug/l	99
18) Methyl Acetate	2.709	43	77718	27.969	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	213463	50.499	ug/l	99
20) Methylene Chloride	2.794	84	63120	41.859	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	63835	48.352	ug/l	94
22) Diisopropyl ether	3.763	45	220847	48.381	ug/l	96
23) Vinyl Acetate	3.727	43	939490	259.195	ug/l	97
24) 1,1-Dichloroethane	3.617	63	119502	48.308	ug/l	98
25) 2-Butanone	4.562	43	266187	223.064	ug/l	99
26) 2,2-Dichloropropane	4.483	77	92203	49.469	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	74054	49.304	ug/l	94
28) Bromochloromethane	4.904	49	49726	45.352	ug/l	94
29) Tetrahydrofuran	5.013	42	154075	204.847	ug/l	96
30) Chloroform	5.099	83	123754	47.298	ug/l	98
31) Cyclohexane	5.477	56	114355	50.788	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	112512	49.464	ug/l	99
36) 1,1-Dichloropropene	5.696	75	93788	50.249	ug/l	98
37) Ethyl Acetate	4.721	43	95811	44.271	ug/l	100
38) Carbon Tetrachloride	5.684	117	99917	48.125	ug/l	97
39) Methylcyclohexane	7.385	83	114169	54.226	ug/l	93
40) Benzene	6.044	78	258736	48.571	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	54471	44.571	ug/l	94
42) 1,2-Dichloroethane	6.092	62	101967	47.298	ug/l	99
43) Isopropyl Acetate	6.342	43	158012	44.799	ug/l	98
44) Trichloroethene	7.129	130	74597	52.042	ug/l	92
45) 1,2-Dichloropropane	7.434	63	65820	48.307	ug/l	96
46) Dibromomethane	7.586	93	46173	45.686	ug/l	99
47) Bromodichloromethane	7.824	83	95574	46.481	ug/l	97
48) Methyl methacrylate	7.696	41	76976	45.505	ug/l	93
49) 1,4-Dioxane	7.696	88	25706	824.610	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	461817	210.397	ug/l	99
52) Toluene	8.720	92	159908	48.761	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	93953	48.356	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	105876	48.718	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	62395	46.293	ug/l	99
56) Ethyl methacrylate	9.116	69	100118	48.163	ug/l	94
57) 1,3-Dichloropropane	9.311	76	108141	46.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	255228	258.877	ug/l	97
59) 2-Hexanone	9.433	43	360893	217.058	ug/l	99
60) Dibromochloromethane	9.525	129	68266	44.710	ug/l	100
61) 1,2-Dibromoethane	9.610	107	65705	45.562	ug/l	99
64) Tetrachloroethene	9.275	164	73365	57.480	ug/l	96
65) Chlorobenzene	10.079	112	162479	48.902	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	62006	48.975	ug/l	99
67) Ethyl Benzene	10.195	91	304033	51.176	ug/l	98
68) m/p-Xylenes	10.305	106	227598	102.604	ug/l	94
69) o-Xylene	10.640	106	109739	50.562	ug/l	95
70) Styrene	10.659	104	183764	51.648	ug/l	97
71) Bromoform	10.799	173	43758	42.604	ug/l #	100
73) Isopropylbenzene	10.963	105	293299	54.074	ug/l	98
74) N-amyl acetate	10.841	43	120500	48.382	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	78426	42.515	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	80299m	47.674	ug/l	
77) Bromobenzene	11.201	156	67248	52.280	ug/l	94
78) n-propylbenzene	11.305	91	338003	54.199	ug/l	98
79) 2-Chlorotoluene	11.366	91	200072	52.118	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	243103	54.008	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	23391	40.177	ug/l	87
82) 4-Chlorotoluene	11.457	91	232013	53.515	ug/l	95
83) tert-Butylbenzene	11.713	119	229381	52.502	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	244819	54.433	ug/l	97
85) sec-Butylbenzene	11.890	105	298950	54.831	ug/l	99
86) p-Isopropyltoluene	12.012	119	251479	55.329	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	123198	51.020	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	126068	48.695	ug/l	99
89) n-Butylbenzene	12.335	91	218056	53.984	ug/l	99
90) Hexachloroethane	12.542	117	38945	42.900	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	120144	47.964	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20063	42.486	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	78200	52.830	ug/l	99
94) Hexachlorobutadiene	13.725	225	32145	52.303	ug/l	99
95) Naphthalene	13.774	128	264439	49.033	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76113	50.540	ug/l	99

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

