

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021782.D
 Acq On : 21 Apr 2021 09:54
 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

MMDadoda
 4/22/2021 12:11:29 PM

Quant Time: Apr 22 08:54:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	185424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	302487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	276279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	137053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	102453	48.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.42%		
35) Dibromofluoromethane	5.458	113	94007	48.60	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.20%		
50) Toluene-d8	8.689	98	355783	47.83	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.66%		
62) 4-Bromofluorobenzene	11.116	95	133649	48.12	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.24%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	92883	52.06	ug/l	98
3) Chloromethane	1.313	50	110430	47.10	ug/l	99
4) Vinyl Chloride	1.392	62	108267	50.81	ug/l	99
5) Bromomethane	1.624	94	51406	55.19	ug/l	98
6) Chloroethane	1.709	64	66550	49.53	ug/l	99
7) Trichlorofluoromethane	1.910	101	150994	52.89	ug/l	98
8) Diethyl Ether	2.166	74	60055	51.04	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.361	101	89860	52.50	ug/l	97
10) Methyl Iodide	2.489	142	81104	59.17	ug/l	100
11) Tert butyl alcohol	3.014	59	106442	231.08	ug/l	99
12) 1,1-Dichloroethene	2.355	96	90348	52.77	ug/l	92
13) Acrolein	2.270	56	87137	233.86	ug/l	99
14) Allyl chloride	2.703	41	142744	51.87	ug/l	96
15) Acrylonitrile	3.111	53	233066	250.01	ug/l	99
16) Acetone	2.422	43	173209	239.51	ug/l	100
17) Carbon Disulfide	2.550	76	246977	50.61	ug/l	100
18) Methyl Acetate	2.745	43	99057	50.48	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	304758	51.64	ug/l	100
20) Methylene Chloride	2.831	84	102866	47.45	ug/l	96
21) trans-1,2-Dichloroethene	3.142	96	99725	50.73	ug/l	93
22) Diisopropyl ether	3.825	45	281190	50.94	ug/l	91
23) Vinyl Acetate	3.782	43	1226821	256.76	ug/l	98
24) 1,1-Dichloroethane	3.666	63	168789	51.53	ug/l	99
25) 2-Butanone	4.629	43	305833	249.75	ug/l	100
26) 2,2-Dichloropropane	4.544	77	159335	50.29	ug/l	98
27) cis-1,2-Dichloroethene	4.556	96	115909	51.90	ug/l	94
28) Bromochloromethane	4.977	49	67491	49.64	ug/l	88
29) Tetrahydrofuran	5.080	42	199039	249.81	ug/l	98
30) Chloroform	5.172	83	179394	50.57	ug/l	98
31) Cyclohexane	5.544	56	151803	51.31	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	161922	51.36	ug/l	97
36) 1,1-Dichloropropene	5.763	75	135185	50.63	ug/l	98
37) Ethyl Acetate	4.788	43	123403	49.17	ug/l	99
38) Carbon Tetrachloride	5.745	117	146767	50.20	ug/l	99
39) Methylcyclohexane	7.434	83	175310	50.68	ug/l	96
40) Benzene	6.105	78	406760	51.07	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.995	41	67403	47.73	ug/l	99
42) 1,2-Dichloroethane	6.153	62	131607	50.91	ug/l	98
43) Isopropyl Acetate	6.403	43	214121	48.71	ug/l	99
44) Trichloroethene	7.184	130	118920	51.17	ug/l	98
45) 1,2-Dichloropropane	7.482	63	103215	49.38	ug/l	97
46) Dibromomethane	7.635	93	74062	50.54	ug/l	100
47) Bromodichloromethane	7.873	83	149237	49.95	ug/l	98
48) Methyl methacrylate	7.738	41	106542	49.79	ug/l	98
49) 1,4-Dioxane	7.708	88	49947	992.58	ug/l	96
51) 4-Methyl-2-Pentanone	8.616	43	619347	246.09	ug/l	99
52) Toluene	8.763	92	267744	51.82	ug/l	99
53) t-1,3-Dichloropropene	9.019	75	166030	49.46	ug/l	98
54) cis-1,3-Dichloropropene	8.409	75	180553	50.92	ug/l	96
55) 1,1,2-Trichloroethane	9.189	97	107621	50.72	ug/l	99
56) Ethyl methacrylate	9.153	69	160727	50.04	ug/l	98
57) 1,3-Dichloropropane	9.348	76	174284	51.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.287	63	412670	262.83	ug/l	98
59) 2-Hexanone	9.470	43	467783	247.97	ug/l	98
60) Dibromochloromethane	9.561	129	128126	49.74	ug/l	99
61) 1,2-Dibromoethane	9.653	107	116461	50.50	ug/l	100
64) Tetrachloroethene	9.317	164	108280	50.12	ug/l	98
65) Chlorobenzene	10.116	112	291606	51.13	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	111614	50.58	ug/l	98
67) Ethyl Benzene	10.232	91	512980	51.95	ug/l	99
68) m/p-Xylenes	10.342	106	392577	102.76	ug/l	98
69) o-Xylene	10.677	106	187407	50.88	ug/l	98
70) Styrene	10.695	104	325237	52.06	ug/l	97
71) Bromoform	10.835	173	96037	48.06	ug/l #	99
73) Isopropylbenzene	11.000	105	508930	52.92	ug/l	100
74) N-amyl acetate	10.878	43	188558	51.02	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	153415	52.47	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	128004m	47.10	ug/l	
77) Bromobenzene	11.238	156	126074	49.69	ug/l	93
78) n-propylbenzene	11.341	91	579322	54.47	ug/l	99
79) 2-Chlorotoluene	11.402	91	338083	54.02	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	428710	52.64	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.055	75	58247	49.28	ug/l #	77
82) 4-Chlorotoluene	11.494	91	395408	54.50	ug/l	98
83) tert-Butylbenzene	11.750	119	427584	52.58	ug/l	98
84) 1,2,4-Trimethylbenzene	11.787	105	433333	52.69	ug/l	100
85) sec-Butylbenzene	11.927	105	493256	52.92	ug/l	99
86) p-Isopropyltoluene	12.049	119	469662	53.06	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	227885	52.00	ug/l	100
88) 1,4-Dichlorobenzene	12.079	146	228995	51.66	ug/l	99
89) n-Butylbenzene	12.372	91	405349	54.26	ug/l	98
90) Hexachloroethane	12.579	117	85111	52.71	ug/l	100
91) 1,2-Dichlorobenzene	12.372	146	220493	52.09	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	32979	50.41	ug/l	93
93) 1,2,4-Trichlorobenzene	13.628	180	153882	50.41	ug/l	99
94) Hexachlorobutadiene	13.762	225	64930	43.25	ug/l	99
95) Naphthalene	13.817	128	487079	52.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	150994	51.54	ug/l	99

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

