

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\
 Data File : VX018022.D
 Acq On : 20 Aug 2020 09:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 10:51:00 AM

Quant Time: Aug 20 15:20:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	512699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	735928	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.10	117	709761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	400268	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	329780	43.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.76%	
35) Dibromofluoromethane	5.46	113	261522	47.72	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	95.44%	
50) Toluene-d8	8.70	98	936025	48.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	379696	53.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	375522	48.501	ug/l	96
3) Chloromethane	1.31	50	304773	43.468	ug/l	97
4) Vinyl Chloride	1.39	62	301511	41.916	ug/l	95
5) Bromomethane	1.62	94	190055	48.437	ug/l	99
6) Chloroethane	1.71	64	177098	46.058	ug/l	97
7) Trichlorofluoromethane	1.92	101	503660	46.912	ug/l	96
8) Diethyl Ether	2.17	74	137527	43.952	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	217193	43.013	ug/l	99
10) Methyl Iodide	2.49	142	248993	38.239	ug/l	96
11) Tert butyl alcohol	3.01	59	297594	205.081	ug/l	99
12) 1,1-Dichloroethene	2.36	96	194729	42.138	ug/l	98
13) Acrolein	2.27	56	179038	233.566	ug/l	99
14) Allyl chloride	2.70	41	394574	47.873	ug/l	100
15) Acrylonitrile	3.12	53	716072	225.959	ug/l	100
16) Acetone	2.42	43	880921	297.931	ug/l	97
17) Carbon Disulfide	2.55	76	528796	47.162	ug/l	98
18) Methyl Acetate	2.75	43	344736	46.334	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	876367	49.602	ug/l	98
20) Methylene Chloride	2.83	84	254168	46.657	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	229572	48.323	ug/l	100
22) Diisopropyl ether	3.82	45	875389	50.666	ug/l	99
23) Vinyl Acetate	3.78	43	3210034	243.120	ug/l	99
24) 1,1-Dichloroethane	3.67	63	461115	48.143	ug/l	99
25) 2-Butanone	4.63	43	1114674	249.013	ug/l	97
26) 2,2-Dichloropropane	4.55	77	450274	51.626	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	279847	49.935	ug/l	100
28) Bromochloromethane	4.98	49	227786	46.020	ug/l	98
29) Tetrahydrofuran	5.09	42	628869	226.204	ug/l	99
30) Chloroform	5.17	83	507550	48.482	ug/l	100
31) Cyclohexane	5.54	56	416196	53.587	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	456893	48.109	ug/l	99
36) 1,1-Dichloropropene	5.76	75	335625	54.487	ug/l	99
37) Ethyl Acetate	4.79	43	349418	47.411	ug/l	99
38) Carbon Tetrachloride	5.75	117	422690	53.022	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	427411	54.109	ug/l	97
40) Benzene	6.11	78	970619	52.317	ug/l	96
41) Methacrylonitrile	5.00	41	215329	50.975	ug/l	97
42) 1,2-Dichloroethane	6.16	62	404826	51.370	ug/l	99
43) Isopropyl Acetate	6.41	43	593563	49.890	ug/l	99
44) Trichloroethene	7.18	130	288190	52.381	ug/l	95
45) 1,2-Dichloropropane	7.49	63	277105	52.130	ug/l	98
46) Dibromomethane	7.63	93	192218	51.812	ug/l	95
47) Bromodichloromethane	7.87	83	420441	52.204	ug/l	99
48) Methyl methacrylate	7.74	41	304346	51.601	ug/l	96
49) 1,4-Dioxane	7.71	88	120335	996.580	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1991979	248.674	ug/l	100
52) Toluene	8.76	92	646802	53.287	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	458273	53.799	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	472285	53.176	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	282774	50.710	ug/l	100
56) Ethyl methacrylate	9.16	69	426260	54.066	ug/l	98
57) 1,3-Dichloropropane	9.35	76	466522	52.678	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	914153	239.437	ug/l	100
59) 2-Hexanone	9.47	43	1573924	259.304	ug/l	99
60) Dibromochloromethane	9.56	129	364871	52.391	ug/l	96
61) 1,2-Dibromoethane	9.65	107	301593	48.828	ug/l	100
64) Tetrachloroethene	9.32	164	285354	52.645	ug/l	97
65) Chlorobenzene	10.12	112	744940	52.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	316247	53.065	ug/l	98
67) Ethyl Benzene	10.23	91	1303394	56.119	ug/l	98
68) m/p-Xylenes	10.34	106	999546	111.787	ug/l	97
69) o-Xylene	10.68	106	468705	54.359	ug/l	97
70) Styrene	10.70	104	852672	57.320	ug/l	99
71) Bromoform	10.84	173	281277	52.584	ug/l #	100
73) Isopropylbenzene	11.00	105	1368400	53.114	ug/l	99
74) N-amyl acetate	10.88	43	571229	49.848	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	430340	47.882	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	414555m	48.701	ug/l	
77) Bromobenzene	11.24	156	349709	48.925	ug/l	98
78) n-propylbenzene	11.34	91	1581711	52.491	ug/l	99
79) 2-Chlorotoluene	11.40	91	936079	50.974	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1169177	51.700	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	159825	49.326	ug/l	97
82) 4-Chlorotoluene	11.49	91	1141777	52.871	ug/l	100
83) tert-Butylbenzene	11.76	119	1139465	53.354	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1214993	51.896	ug/l	100
85) sec-Butylbenzene	11.93	105	1348956	52.324	ug/l	99
86) p-Isopropyltoluene	12.05	119	1281678	53.443	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	651949	50.113	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	674281	52.904	ug/l	99
89) n-Butylbenzene	12.37	91	1139170	57.393	ug/l	98
90) Hexachloroethane	12.58	117	245047	51.376	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	631909	52.617	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106722	46.616	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	432887	54.791	ug/l	97
94) Hexachlorobutadiene	13.77	225	184096	54.600	ug/l	97
95) Naphthalene	13.82	128	1350547	54.153	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	424658	52.858	ug/l	100

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

