

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062519\
 Data File : VX010446.D
 Acq On : 25 Jun 2019 20:12
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/26/2019 8:49:17 AM

Quant Time: Jun 26 02:12:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	252864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179681	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116604	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
35) Dibromofluoromethane	5.50	113	115645	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.71	98	439370	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	156537	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	82070	46.684	ug/l	98
3) Chloromethane	1.32	50	91134	44.519	ug/l	100
4) Vinyl Chloride	1.41	62	104558	46.633	ug/l	99
5) Bromomethane	1.64	94	49483	45.300	ug/l	98
6) Chloroethane	1.71	64	66676	50.404	ug/l	97
7) Trichlorofluoromethane	1.92	101	177652	49.982	ug/l	100
8) Diethyl Ether	2.19	74	64596	50.678	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105451	48.957	ug/l	99
10) Methyl Iodide	2.51	142	141069	45.891	ug/l	99
11) Tert butyl alcohol	3.06	59	151297	243.880	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104949	47.883	ug/l	99
13) Acrolein	2.29	56	94650	229.989	ug/l	99
14) Allyl chloride	2.73	41	153924	49.466	ug/l	100
15) Acrylonitrile	3.14	53	315829	257.133	ug/l	99
16) Acetone	2.45	43	268159	225.685	ug/l	97
17) Carbon Disulfide	2.57	76	257419	43.777	ug/l	99
18) Methyl Acetate	2.78	43	122008	51.520	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	349970	50.756	ug/l	97
20) Methylene Chloride	2.85	84	121556	49.711	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	114589	48.611	ug/l	99
22) Diisopropyl ether	3.86	45	329021	50.573	ug/l	88
23) Vinyl Acetate	3.82	43	1461900	260.109	ug/l	100
24) 1,1-Dichloroethane	3.70	63	188766	50.196	ug/l	99
25) 2-Butanone	4.67	43	434164	249.099	ug/l	99
26) 2,2-Dichloropropane	4.58	77	142737	43.693	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	134889	49.518	ug/l	99
28) Bromochloromethane	5.02	49	86955	48.362	ug/l	98
29) Tetrahydrofuran	5.13	42	279674	259.056	ug/l	99
30) Chloroform	5.21	83	204345	50.503	ug/l	97
31) Cyclohexane	5.58	56	168279	49.139	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	179070	50.121	ug/l	100
36) 1,1-Dichloropropene	5.80	75	145454	47.613	ug/l	99
37) Ethyl Acetate	4.84	43	161101	51.261	ug/l	100
38) Carbon Tetrachloride	5.79	117	162371	49.083	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188801	47.017	ug/l	98
40) Benzene	6.14	78	468535	49.229	ug/l	99
41) Methacrylonitrile	5.04	41	87452	50.715	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148044	51.100	ug/l	100
43) Isopropyl Acetate	6.45	43	264240	50.819	ug/l	99
44) Trichloroethene	7.21	130	137147	48.158	ug/l	96
45) 1,2-Dichloropropane	7.51	63	119103	49.555	ug/l	100
46) Dibromomethane	7.66	93	86196	49.986	ug/l	98
47) Bromodichloromethane	7.90	83	158399	50.123	ug/l	99
48) Methyl methacrylate	7.77	41	124330	51.442	ug/l	100
49) 1,4-Dioxane	7.74	88	67627	971.320	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	863882	259.775	ug/l	99
52) Toluene	8.79	92	307676	49.090	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	173045	48.841	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	190562	49.494	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	130354	50.429	ug/l	99
56) Ethyl methacrylate	9.18	69	198589	50.715	ug/l	98
57) 1,3-Dichloropropane	9.37	76	200586	49.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	472606	254.129	ug/l	100
59) 2-Hexanone	9.49	43	659020	251.795	ug/l	99
60) Dibromochloromethane	9.58	129	143603	49.617	ug/l	99
61) 1,2-Dibromoethane	9.67	107	139942	50.157	ug/l	99
64) Tetrachloroethene	9.34	164	137867	48.481	ug/l	99
65) Chlorobenzene	10.13	112	348656	48.845	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	131196	50.460	ug/l	99
67) Ethyl Benzene	10.25	91	594798	49.359	ug/l	100
68) m/p-Xylenes	10.36	106	461997	98.945	ug/l	100
69) o-Xylene	10.69	106	229503	49.981	ug/l	98
70) Styrene	10.71	104	391144	50.794	ug/l	99
71) Bromoform	10.85	173	112069	49.565	ug/l #	99
73) Isopropylbenzene	11.02	105	603924	49.583	ug/l	99
74) N-amyl acetate	10.90	43	237603	51.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	203227	50.382	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	163864m	50.046	ug/l	
77) Bromobenzene	11.26	156	165025	48.522	ug/l	100
78) n-propylbenzene	11.36	91	665650	49.725	ug/l	100
79) 2-Chlorotoluene	11.42	91	392953	49.296	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	503385	50.133	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	64327	45.833	ug/l	97
82) 4-Chlorotoluene	11.51	91	453107	49.954	ug/l	100
83) tert-Butylbenzene	11.77	119	495789	49.195	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	508686	50.424	ug/l	100
85) sec-Butylbenzene	11.94	105	594344	50.228	ug/l	100
86) p-Isopropyltoluene	12.06	119	541416	49.466	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	289631	48.786	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	283531	46.912	ug/l	99
89) n-Butylbenzene	12.38	91	463619	49.848	ug/l	99
90) Hexachloroethane	12.60	117	93187	49.238	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	285077	48.315	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41225	47.402	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	197994	48.388	ug/l	99
94) Hexachlorobutadiene	13.78	225	96672	48.341	ug/l	99
95) Naphthalene	13.83	128	634336	50.447	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	202572	49.793	ug/l	99

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

