

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005990.D
 Acq On : 14 Nov 2018 22:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:03:47 PM

Quant Time: Nov 15 06:21:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	165761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65273	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
35) Dibromofluoromethane	5.51	113	52624	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.71	98	194770	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.14	95	72623	53.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.78%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	46779	44.82	ug/l	90
3) Chloromethane	1.32	50	60380	44.08	ug/l	99
4) Vinyl Chloride	1.41	62	62318	45.32	ug/l	100
5) Bromomethane	1.64	94	37796	44.92	ug/l	99
6) Chloroethane	1.71	64	39523	48.17	ug/l	98
7) Trichlorofluoromethane	1.92	101	88279	48.37	ug/l	96
8) Diethyl Ether	2.19	74	36728	51.35	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50634	48.23	ug/l	99
10) Methyl Iodide	2.51	142	63227	49.70	ug/l	96
11) Tert butyl alcohol	3.07	59	92541	242.75	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48011	46.92	ug/l	95
13) Acrolein	2.29	56	54446	295.73	ug/l	99
14) Allyl chloride	2.73	41	111670	48.87	ug/l	98
15) Acrylonitrile	3.15	53	204151	258.40	ug/l	99
16) Acetone	2.45	43	175358	244.73	ug/l	98
17) Carbon Disulfide	2.57	76	141055	46.22	ug/l	98
18) Methyl Acetate	2.78	43	106925	55.86	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	187074	53.57	ug/l	93
20) Methylene Chloride	2.85	84	58312	49.54	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	53838	49.89	ug/l	88
22) Diisopropyl ether	3.87	45	214426	53.56	ug/l	94
23) Vinyl Acetate	3.82	43	855725	249.31	ug/l	98
24) 1,1-Dichloroethane	3.70	63	108824	50.95	ug/l	97
25) 2-Butanone	4.70	43	281902	250.25	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74741	47.71	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	61686	51.77	ug/l	97
28) Bromochloromethane	5.02	49	52625	55.13	ug/l	98
29) Tetrahydrofuran	5.16	42	187447	259.16	ug/l	98
30) Chloroform	5.21	83	103370	50.17	ug/l	99
31) Cyclohexane	5.57	56	89987	48.54	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	85038	49.48	ug/l	98
36) 1,1-Dichloropropene	5.80	75	72194	45.18	ug/l	97
37) Ethyl Acetate	4.85	43	104380	49.67	ug/l	100
38) Carbon Tetrachloride	5.77	117	75994	47.50	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	82964	51.23	ug/l	87
40) Benzene	6.15	78	230001	49.37	ug/l	100
41) Methacrylonitrile	5.06	41	55479	48.86	ug/l	97
42) 1,2-Dichloroethane	6.19	62	81086	48.60	ug/l	100
43) Isopropyl Acetate	6.46	43	148197	48.67	ug/l	98
44) Trichloroethene	7.21	130	57389	48.51	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58474	51.72	ug/l	98
46) Dibromomethane	7.66	93	37150	52.36	ug/l	99
47) Bromodichloromethane	7.90	83	72614	54.15	ug/l	99
48) Methyl methacrylate	7.77	41	75603	55.30	ug/l	99
49) 1,4-Dioxane	7.75	88	31654	1074.41	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	505164	263.24	ug/l	99
52) Toluene	8.79	92	131095	50.35	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	79146	50.02	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	87006	53.95	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	55323	47.68	ug/l	99
56) Ethyl methacrylate	9.18	69	89550	51.58	ug/l	98
57) 1,3-Dichloropropane	9.37	76	93167	47.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	243490	257.13	ug/l	100
59) 2-Hexanone	9.49	43	400401	236.71	ug/l	98
60) Dibromochloromethane	9.59	129	58605	46.73	ug/l	98
61) 1,2-Dibromoethane	9.67	107	57398	44.73	ug/l	99
64) Tetrachloroethene	9.34	164	59048	44.97	ug/l	98
65) Chlorobenzene	10.14	112	149294	48.32	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54845	51.06	ug/l	98
67) Ethyl Benzene	10.25	91	257192	51.91	ug/l	100
68) m/p-Xylenes	10.36	106	196603	104.03	ug/l	100
69) o-Xylene	10.70	106	95106	56.12	ug/l	99
70) Styrene	10.71	104	159763	57.15	ug/l	100
71) Bromoform	10.86	173	48835	54.23	ug/l #	99
73) Isopropylbenzene	11.02	105	261757	53.58	ug/l	99
74) N-amyl acetate	10.90	43	133374	48.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91031	50.76	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	88222m	51.28	ug/l	
77) Bromobenzene	11.26	156	68988	50.10	ug/l	99
78) n-propylbenzene	11.36	91	298847	51.90	ug/l	100
79) 2-Chlorotoluene	11.42	91	179613	51.61	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	219967	52.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27434	50.83	ug/l	97
82) 4-Chlorotoluene	11.51	91	210693	51.37	ug/l	100
83) tert-Butylbenzene	11.77	119	218553	52.03	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	228370	49.84	ug/l	100
85) sec-Butylbenzene	11.94	105	263237	51.25	ug/l	100
86) p-Isopropyltoluene	12.07	119	235165	51.69	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126753	47.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	127643	47.18	ug/l	99
89) n-Butylbenzene	12.39	91	203932	48.36	ug/l	100
90) Hexachloroethane	12.60	117	39221	51.64	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	128658	48.60	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22839	52.19	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93208	50.01	ug/l	100
94) Hexachlorobutadiene	13.79	225	43720	44.66	ug/l	99
95) Naphthalene	13.83	128	294917	48.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95522	50.31	ug/l	100

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

