

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003120.D
 Acq On : 02 Jul 2018 11:31
 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

sam
 7/3/2018 3:53:41 PM

Quant Time: Jul 03 07:03:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	381299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237604	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	186400	46.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.82%	
35) Dibromofluoromethane	5.51	113	154668	51.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.44%	
50) Toluene-d8	8.72	98	561043	50.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	219472	51.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	149581	57.70	ug/l	98
3) Chloromethane	1.32	50	150129	55.87	ug/l	100
4) Vinyl Chloride	1.40	62	167603	51.00	ug/l	96
5) Bromomethane	1.64	94	48675	30.68	ug/l	97
6) Chloroethane	1.71	64	108065	56.32	ug/l	97
7) Trichlorofluoromethane	1.92	101	265288	47.86	ug/l	97
8) Diethyl Ether	2.19	74	100498	49.87	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	158642	49.39	ug/l	97
10) Methyl Iodide	2.51	142	133671	42.15	ug/l	97
11) Tert butyl alcohol	3.08	59	181959	227.42	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140554	49.05	ug/l	94
13) Acrolein	2.29	56	86091	195.03	ug/l	100
14) Allyl chloride	2.73	41	277169	49.06	ug/l	95
15) Acrylonitrile	3.15	53	413441	241.92	ug/l	100
16) Acetone	2.45	43	548675	329.87	ug/l	97
17) Carbon Disulfide	2.57	76	407350	53.35	ug/l	99
18) Methyl Acetate	2.78	43	192351	41.36	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	502576	48.78	ug/l	99
20) Methylene Chloride	2.85	84	157793	48.75	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	152905	48.99	ug/l	95
22) Diisopropyl ether	3.87	45	554973	51.39	ug/l	96
23) Vinyl Acetate	3.82	43	2461954	269.26	ug/l	98
24) 1,1-Dichloroethane	3.70	63	281524	47.97	ug/l	99
25) 2-Butanone	4.71	43	715325	289.78	ug/l	98
26) 2,2-Dichloropropane	4.59	77	249880	52.36	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	181299	51.80	ug/l	94
28) Bromochloromethane	5.02	49	135388	48.19	ug/l	89
29) Tetrahydrofuran	5.17	42	390724	246.83	ug/l	96
30) Chloroform	5.21	83	296846	49.28	ug/l	96
31) Cyclohexane	5.57	56	259020	51.42	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	267486	50.47	ug/l	98
36) 1,1-Dichloropropene	5.80	75	224265	53.63	ug/l	99
37) Ethyl Acetate	4.87	43	247719	55.02	ug/l	99
38) Carbon Tetrachloride	5.78	117	244919	53.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	266549	54.73	ug/l	96
40) Benzene	6.15	78	649232	53.44	ug/l	99
41) Methacrylonitrile	5.06	41	137615	53.08	ug/l	97
42) 1,2-Dichloroethane	6.20	62	243955	49.71	ug/l	99
43) Isopropyl Acetate	6.47	43	393273	52.08	ug/l	98
44) Trichloroethene	7.21	130	193321	53.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	169667	52.65	ug/l	100
46) Dibromomethane	7.67	93	116455	52.07	ug/l	95
47) Bromodichloromethane	7.90	83	222649	53.85	ug/l	97
48) Methyl methacrylate	7.78	41	202788	52.12	ug/l	95
49) 1,4-Dioxane	7.76	88	77802	1027.86	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1243746	263.27	ug/l	97
52) Toluene	8.79	92	421917	54.21	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	266943	57.01	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	249147	55.30	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	171841	53.73	ug/l	99
56) Ethyl methacrylate	9.18	69	261560	55.96	ug/l	93
57) 1,3-Dichloropropane	9.37	76	277504	52.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	666400	295.52	ug/l	97
59) 2-Hexanone	9.50	43	1011168	281.63	ug/l	97
60) Dibromochloromethane	9.59	129	189450	56.27	ug/l	99
61) 1,2-Dibromoethane	9.68	107	184376	54.96	ug/l	100
64) Tetrachloroethene	9.34	164	217905	54.01	ug/l	99
65) Chlorobenzene	10.14	112	485556	52.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	182244	54.43	ug/l	99
67) Ethyl Benzene	10.26	91	831015	54.58	ug/l	100
68) m/p-Xylenes	10.36	106	651425	111.02	ug/l	98
69) o-Xylene	10.70	106	317207	55.52	ug/l	97
70) Styrene	10.71	104	528290	56.90	ug/l	99
71) Bromoform	10.86	173	152651	50.43	ug/l #	100
73) Isopropylbenzene	11.02	105	856032	53.55	ug/l	100
74) N-amyl acetate	6.47	43	393273	50.28	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	256475	52.09	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	254730m	59.19	ug/l	
77) Bromobenzene	11.26	156	238394	52.37	ug/l	96
78) n-propylbenzene	11.36	91	977160	53.71	ug/l	98
79) 2-Chlorotoluene	11.43	91	573995	52.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	728315	54.10	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	72152	48.73	ug/l	95
82) 4-Chlorotoluene	11.51	91	687732	52.74	ug/l	99
83) tert-Butylbenzene	11.77	119	709208	53.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	748884	53.69	ug/l	98
85) sec-Butylbenzene	11.95	105	847478	52.65	ug/l	99
86) p-Isopropyltoluene	12.07	119	784798	54.23	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	440444	52.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	442720	51.75	ug/l	99
89) n-Butylbenzene	12.39	91	672511	53.39	ug/l	99
90) Hexachloroethane	12.60	117	108428	50.38	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	439065	52.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55550	50.19	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	330449	54.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	164322	53.95	ug/l	100
95) Naphthalene	13.83	128	904213	55.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	329980	54.10	ug/l	99

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

