

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002650.D
 Acq On : 16 Jun 2018 16:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
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 6/18/2018 5:12:11 PM

Quant Time: Jun 18 08:11:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303724	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158927	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
35) Dibromofluoromethane	5.51	113	127722	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
50) Toluene-d8	8.72	98	460907	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.14	95	178842	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75504	36.94	ug/l	98
3) Chloromethane	1.32	50	109605	45.08	ug/l	100
4) Vinyl Chloride	1.41	62	115220	45.67	ug/l	100
5) Bromomethane	1.64	94	62976	41.37	ug/l	99
6) Chloroethane	1.71	64	89579	53.87	ug/l	97
7) Trichlorofluoromethane	1.93	101	180839	44.12	ug/l	99
8) Diethyl Ether	2.19	74	84350	54.11	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90718	39.60	ug/l	100
10) Methyl Iodide	2.51	142	112654	37.84	ug/l	99
11) Tert butyl alcohol	3.09	59	171804	284.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101145	47.02	ug/l	98
13) Acrolein	2.30	56	66902	236.36	ug/l	98
14) Allyl chloride	2.73	41	208884	48.91	ug/l	99
15) Acrylonitrile	3.15	53	374555	283.82	ug/l	100
16) Acetone	2.45	43	354592	274.73	ug/l	100
17) Carbon Disulfide	2.57	76	265527	52.05	ug/l	99
18) Methyl Acetate	2.78	43	196684	57.20	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	446576	55.34	ug/l	100
20) Methylene Chloride	2.86	84	131153	49.56	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	119864	51.36	ug/l	97
22) Diisopropyl ether	3.88	45	412671	53.41	ug/l	99
23) Vinyl Acetate	3.83	43	1767857	273.35	ug/l	99
24) 1,1-Dichloroethane	3.70	63	214205	51.07	ug/l	100
25) 2-Butanone	4.71	43	485269	286.30	ug/l	98
26) 2,2-Dichloropropane	4.59	77	80816	26.82	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	128292	54.03	ug/l	89
28) Bromochloromethane	5.03	49	112474	57.27	ug/l	96
29) Tetrahydrofuran	5.17	42	319325	287.46	ug/l	98
30) Chloroform	5.22	83	225451	55.75	ug/l	98
31) Cyclohexane	5.57	56	145063	42.01	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	181040	53.52	ug/l	99
36) 1,1-Dichloropropene	5.81	75	143537	44.50	ug/l	98
37) Ethyl Acetate	4.87	43	192066	52.61	ug/l	99
38) Carbon Tetrachloride	5.79	117	154311	48.04	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
39) Methylcyclohexane	7.46	83	137569	36.48	ug/l	96	
40) Benzene	6.15	78	479716	49.60	ug/l	100	
41) Methacrylonitrile	5.07	41	109172	52.96	ug/l	98	
42) 1,2-Dichloroethane	6.20	62	192396	51.38	ug/l	99	
43) Isopropyl Acetate	6.47	43	313032	51.75	ug/l	99	
44) Trichloroethene	7.22	130	134300	48.11	ug/l	95	MMDadoda
45) 1,2-Dichloropropane	7.52	63	128907	50.64	ug/l	98	
46) Dibromomethane	7.67	93	90938	53.40	ug/l	98	
47) Bromodichloromethane	7.90	83	165934	55.25	ug/l	98	
48) Methyl methacrylate	7.78	41	163209	52.80	ug/l	98	
49) 1,4-Dioxane	7.76	88	65871	1125.23	ug/l	98	6/18/2018 5:12:11 PM
51) 4-Methyl-2-Pentanone	8.65	43	1042295	268.36	ug/l	99	
52) Toluene	8.79	92	307066	49.77	ug/l	100	
53) t-1,3-Dichloropropene	8.44	75	176077	44.56	ug/l	98	
54) cis-1,3-Dichloropropene	9.05	75	162358	43.27	ug/l	98	
55) 1,1,2-Trichloroethane	9.22	97	131109	52.59	ug/l	98	
56) Ethyl methacrylate	9.18	69	205365	53.53	ug/l	98	
57) 1,3-Dichloropropane	9.38	76	216375	51.32	ug/l	99	
58) 2-Chloroethyl Vinyl ether	8.32	63	487321	262.61	ug/l	99	
59) 2-Hexanone	9.50	43	792642	270.83	ug/l	98	
60) Dibromochloromethane	9.59	129	136234	48.68	ug/l	99	
61) 1,2-Dibromoethane	9.68	107	141246	54.70	ug/l	100	
64) Tetrachloroethene	9.34	164	143097	43.38	ug/l	99	
65) Chlorobenzene	10.14	112	367489	50.35	ug/l	99	
66) 1,1,1,2-Tetrachloroethane	10.23	131	134372	54.01	ug/l	99	
67) Ethyl Benzene	10.26	91	599272	48.68	ug/l	99	
68) m/p-Xylenes	10.36	106	464959	97.92	ug/l	100	
69) o-Xylene	10.70	106	233473	50.05	ug/l	98	
70) Styrene	10.71	104	397488	51.81	ug/l	99	
71) Bromoform	10.86	173	107023	47.51	ug/l	98	
73) Isopropylbenzene	11.02	105	603559	47.21	ug/l	100	
74) N-amyl acetate	6.47	43	313032	49.28	ug/l	99	#
75) 1,1,2,2-Tetrachloroethane	11.27	83	203618	53.94	ug/l	99	
76) 1,2,3-Trichloropropane	11.30	75	187652m	52.03	ug/l		
77) Bromobenzene	11.26	156	180097	50.57	ug/l	97	
78) n-propylbenzene	11.37	91	678797	46.30	ug/l	99	
79) 2-Chlorotoluene	11.43	91	422290	48.24	ug/l	99	
80) 1,3,5-Trimethylbenzene	11.51	105	521789	48.30	ug/l	99	
81) trans-1,4-Dichloro-2-buten	11.08	75	36096	33.53	ug/l	96	
82) 4-Chlorotoluene	11.51	91	502182	48.62	ug/l	99	
83) tert-Butylbenzene	11.77	119	503263	48.35	ug/l	98	
84) 1,2,4-Trimethylbenzene	11.81	105	542940	49.25	ug/l	99	
85) sec-Butylbenzene	11.95	105	591414	45.70	ug/l	99	
86) p-Isopropyltoluene	12.07	119	539598	46.08	ug/l	99	
87) 1,3-Dichlorobenzene	12.03	146	319855	48.97	ug/l	99	
88) 1,4-Dichlorobenzene	12.10	146	326049	49.06	ug/l	99	
89) n-Butylbenzene	12.39	91	449656	43.53	ug/l	99	
90) Hexachloroethane	12.60	117	79072	43.67	ug/l	99	
91) 1,2-Dichlorobenzene	12.40	146	344252	52.37	ug/l	99	
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45914	58.06	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	234508	49.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	102880	40.94	ug/l	99
95) Naphthalene	13.84	128	702767	54.74	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	245747	51.29	ug/l	100

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

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