

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003207.D
 Acq On : 06 Jul 2018 07:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:53 PM

Quant Time: Jul 06 11:59:30 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	254886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218038	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160208	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	5.51	113	135648	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	8.72	98	471401	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
62) 4-Bromofluorobenzene	11.14	95	183499	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123277	54.20	ug/l	99
3) Chloromethane	1.32	50	126199	53.49	ug/l	99
4) Vinyl Chloride	1.40	62	148132	51.39	ug/l	99
5) Bromomethane	1.64	94	44516	32.11	ug/l	99
6) Chloroethane	1.71	64	94285	56.01	ug/l	100
7) Trichlorofluoromethane	1.92	101	228228	46.94	ug/l	99
8) Diethyl Ether	2.19	74	88119	49.85	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131176	46.56	ug/l	96
10) Methyl Iodide	2.51	142	163446	56.31	ug/l	97
11) Tert butyl alcohol	3.09	59	179987	256.46	ug/l	97
12) 1,1-Dichloroethene	2.37	96	123402	49.09	ug/l	93
13) Acrolein	2.29	56	94684	243.46	ug/l	100
14) Allyl chloride	2.73	41	223066	45.02	ug/l	94
15) Acrylonitrile	3.15	53	400088	266.89	ug/l	99
16) Acetone	2.45	43	366910	251.48	ug/l	93
17) Carbon Disulfide	2.57	76	320868	47.91	ug/l	99
18) Methyl Acetate	2.78	43	211154	51.76	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	444599	49.20	ug/l	98
20) Methylene Chloride	2.86	84	141158	49.72	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	132894	48.54	ug/l	95
22) Diisopropyl ether	3.88	45	463519	48.94	ug/l	96
23) Vinyl Acetate	3.83	43	1947918	242.87	ug/l	98
24) 1,1-Dichloroethane	3.70	63	252249	49.00	ug/l	99
25) 2-Butanone	4.72	43	614012	283.57	ug/l	95
26) 2,2-Dichloropropane	4.59	77	77247	18.45	ug/l	88
27) cis-1,2-Dichloroethene	4.60	96	160184	52.18	ug/l	88
28) Bromochloromethane	5.03	49	116245	47.17	ug/l	89
29) Tetrahydrofuran	5.17	42	398386	286.91	ug/l	96
30) Chloroform	5.22	83	274774	52.01	ug/l	98
31) Cyclohexane	5.57	56	225477	51.03	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	242378	52.14	ug/l	98
36) 1,1-Dichloropropene	5.80	75	195510	49.92	ug/l	98
37) Ethyl Acetate	4.87	43	232494	55.13	ug/l	98
38) Carbon Tetrachloride	5.78	117	217232	50.54	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	220417	48.32	ug/l	97
40) Benzene	6.15	78	590942	51.93	ug/l	99
41) Methacrylonitrile	5.07	41	131591	54.19	ug/l	96
42) 1,2-Dichloroethane	6.21	62	226185	49.21	ug/l	99
43) Isopropyl Acetate	6.48	43	363660	51.42	ug/l	97
44) Trichloroethene	7.21	130	172274	50.78	ug/l	100
45) 1,2-Dichloropropane	7.52	63	152099	50.39	ug/l	99
46) Dibromomethane	7.67	93	107756	51.44	ug/l	96
47) Bromodichloromethane	7.90	83	201762	52.10	ug/l	99
48) Methyl methacrylate	7.79	41	189359	51.96	ug/l	94
49) 1,4-Dioxane	7.76	88	82687	1166.31	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1228302	277.60	ug/l	97
52) Toluene	8.79	92	385735	52.91	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	209347	47.73	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	192308	45.57	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	159261	53.17	ug/l	99
56) Ethyl methacrylate	9.19	69	241036	55.06	ug/l	92
57) 1,3-Dichloropropane	9.38	76	258548	52.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	545390	258.22	ug/l	97
59) 2-Hexanone	9.51	43	938665	279.13	ug/l	95
60) Dibromochloromethane	9.59	129	172472	54.69	ug/l	99
61) 1,2-Dibromoethane	9.68	107	169849	54.06	ug/l	100
64) Tetrachloroethene	9.34	164	213604	56.79	ug/l	99
65) Chlorobenzene	10.14	112	438833	51.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	168594	54.02	ug/l	99
67) Ethyl Benzene	10.26	91	735707	51.84	ug/l	100
68) m/p-Xylenes	10.36	106	581451	106.31	ug/l	97
69) o-Xylene	10.70	106	282674	53.08	ug/l	98
70) Styrene	10.71	104	477250	55.15	ug/l	98
71) Bromoform	10.86	173	139308	49.45	ug/l	99
73) Isopropylbenzene	11.02	105	768353	52.38	ug/l	100
74) N-amyl acetate	6.48	43	363660	50.67	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	238024	52.68	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	207670m	52.58	ug/l	
77) Bromobenzene	11.26	156	217022	51.96	ug/l	95
78) n-propylbenzene	11.37	91	854789	51.20	ug/l	99
79) 2-Chlorotoluene	11.43	91	513448	50.79	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	644760	52.19	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	49815	37.50	ug/l	96
82) 4-Chlorotoluene	11.51	91	600155	50.15	ug/l	98
83) tert-Butylbenzene	11.77	119	620289	50.95	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	671922	52.49	ug/l	97
85) sec-Butylbenzene	11.95	105	752902	50.97	ug/l	99
86) p-Isopropyltoluene	12.07	119	680721	51.26	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	388837	50.97	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	389052	49.55	ug/l	99
89) n-Butylbenzene	12.39	91	543599	47.03	ug/l	98
90) Hexachloroethane	12.60	117	104657	52.99	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	392780	51.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55775	54.91	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	296036	52.83	ug/l	99
94) Hexachlorobutadiene	13.79	225	141200	50.52	ug/l	98
95) Naphthalene	13.84	128	850857	57.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302161	53.98	ug/l	100

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

