

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004300.D
 Acq On : 29 Aug 2018 18:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/30/2018 1:38:36 PM

Quant Time: Aug 30 05:54:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	299748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	439547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	196016	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.50	113	171144	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	8.72	98	631230	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	11.14	95	239494	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	173860	50.08	ug/l	96
3) Chloromethane	1.32	50	186606	48.64	ug/l	100
4) Vinyl Chloride	1.40	62	196451	50.02	ug/l	100
5) Bromomethane	1.63	94	87314	44.90	ug/l	98
6) Chloroethane	1.71	64	132539	47.60	ug/l	97
7) Trichlorofluoromethane	1.92	101	267759	49.75	ug/l	96
8) Diethyl Ether	2.19	74	118822	51.56	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	164802	48.89	ug/l	100
10) Methyl Iodide	2.51	142	174479	46.22	ug/l	98
11) Tert butyl alcohol	3.08	59	225403	270.66	ug/l	100
12) 1,1-Dichloroethene	2.37	96	156147	49.17	ug/l	96
13) Acrolein	2.29	56	54748	272.68	ug/l	98
14) Allyl chloride	2.72	41	292872	50.20	ug/l	98
15) Acrylonitrile	3.15	53	534335	259.08	ug/l	100
16) Acetone	2.45	43	439244	276.27	ug/l	100
17) Carbon Disulfide	2.56	76	406007	46.10	ug/l	99
18) Methyl Acetate	2.78	43	360316	62.15	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	539915	51.59	ug/l	98
20) Methylene Chloride	2.85	84	185682	49.37	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	169748	48.30	ug/l	97
22) Diisopropyl ether	3.87	45	550557	50.54	ug/l	99
23) Vinyl Acetate	3.82	43	2166539	245.39	ug/l	99
24) 1,1-Dichloroethane	3.69	63	327905	51.65	ug/l	99
25) 2-Butanone	4.71	43	695649	265.92	ug/l	100
26) 2,2-Dichloropropane	4.58	77	184693	37.09	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	197225	49.47	ug/l	97
28) Bromochloromethane	5.02	49	146118	51.99	ug/l	100
29) Tetrahydrofuran	5.17	42	441832	263.22	ug/l	99
30) Chloroform	5.21	83	323139	50.77	ug/l	98
31) Cyclohexane	5.57	56	270941	49.46	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	271939	51.24	ug/l	99
36) 1,1-Dichloropropene	5.80	75	238516	48.27	ug/l	99
37) Ethyl Acetate	4.86	43	248227	51.08	ug/l	99
38) Carbon Tetrachloride	5.78	117	237536	51.10	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	267330	47.38	ug/l	97
40) Benzene	6.14	78	742391	50.28	ug/l	100
41) Methacrylonitrile	5.06	41	145953	51.81	ug/l	98
42) 1,2-Dichloroethane	6.20	62	250306	49.70	ug/l	100
43) Isopropyl Acetate	6.47	43	388179	51.98	ug/l	99
44) Trichloroethene	7.21	130	197068	48.22	ug/l	98
45) 1,2-Dichloropropane	7.52	63	189671	51.32	ug/l	100
46) Dibromomethane	7.66	93	123869	50.34	ug/l	99
47) Bromodichloromethane	7.90	83	243046	53.08	ug/l	99
48) Methyl methacrylate	7.78	41	212487	53.18	ug/l	99
49) 1,4-Dioxane	7.76	88	98136	1081.71	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1387838	255.78	ug/l	100
52) Toluene	8.79	92	470339	50.89	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	253929	50.21	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	280511	50.92	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	193995	51.99	ug/l	99
56) Ethyl methacrylate	9.18	69	280745	55.27	ug/l	98
57) 1,3-Dichloropropane	9.37	76	326673	51.94	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	721842	277.36	ug/l	100
59) 2-Hexanone	9.50	43	1061683	256.48	ug/l	100
60) Dibromochloromethane	9.59	129	193755	53.30	ug/l	99
61) 1,2-Dibromoethane	9.68	107	193592	50.14	ug/l	98
64) Tetrachloroethene	9.34	164	203577	51.42	ug/l	99
65) Chlorobenzene	10.14	112	511441	50.85	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	183241	52.82	ug/l	99
67) Ethyl Benzene	10.26	91	834046	51.06	ug/l	97
68) m/p-Xylenes	10.36	106	676642	105.93	ug/l	98
69) o-Xylene	10.70	106	340942	56.43	ug/l	100
70) Styrene	10.71	104	568732	58.13	ug/l	100
71) Bromoform	10.86	173	154268	55.16	ug/l	99
73) Isopropylbenzene	11.02	105	910709	54.86	ug/l	100
74) N-amyl acetate	10.90	43	349508	54.68	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	301906	51.97	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	267691m	52.07	ug/l	
77) Bromobenzene	11.26	156	242373	52.05	ug/l	98
78) n-propylbenzene	11.36	91	1040856	54.51	ug/l	100
79) 2-Chlorotoluene	11.42	91	616919	52.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	747888	54.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	80546	50.84	ug/l	97
82) 4-Chlorotoluene	11.51	91	720879	52.13	ug/l	99
83) tert-Butylbenzene	11.77	119	750297	54.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	785335	55.65	ug/l	100
85) sec-Butylbenzene	11.95	105	896917	54.62	ug/l	100
86) p-Isopropyltoluene	12.07	119	775203	52.67	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	444070	50.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	422817	45.74	ug/l	97
89) n-Butylbenzene	12.39	91	609079	50.89	ug/l	99
90) Hexachloroethane	12.60	117	112563	54.72	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	412260	51.45	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54627	53.38	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	303433	52.04	ug/l	98
94) Hexachlorobutadiene	13.79	225	140872	51.94	ug/l	96
95) Naphthalene	13.83	128	1003022	60.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	332918	53.94	ug/l	99

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

