

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\
 Data File : VX002675.D
 Acq On : 17 Jun 2018 03:49
 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
 6/19/2018 1:04:56 PM

Quant Time: Jun 18 04:30:59 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	219690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	313374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157663	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
35) Dibromofluoromethane	5.51	113	126855	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	8.72	98	470370	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.14	95	179015	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	103824	44.517	ug/l	99
3) Chloromethane	1.32	50	114603	41.308	ug/l	99
4) Vinyl Chloride	1.41	62	131237	45.586	ug/l	98
5) Bromomethane	1.64	94	74039	42.623	ug/l	99
6) Chloroethane	1.72	64	88116	46.438	ug/l	98
7) Trichlorofluoromethane	1.93	101	222287	47.525	ug/l	99
8) Diethyl Ether	2.19	74	82084	46.141	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	121925	46.634	ug/l	99
10) Methyl Iodide	2.51	142	146696	42.450	ug/l	98
11) Tert butyl alcohol	3.08	59	144603	209.524	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113409	46.200	ug/l	97
13) Acrolein	2.30	56	61097	190.516	ug/l	100
14) Allyl chloride	2.73	41	218006	44.729	ug/l	99
15) Acrylonitrile	3.15	53	340234	225.917	ug/l	100
16) Acetone	2.45	43	312583	212.224	ug/l	100
17) Carbon Disulfide	2.57	76	283473	48.690	ug/l	98
18) Methyl Acetate	2.78	43	185809	47.352	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	426968	46.366	ug/l	99
20) Methylene Chloride	2.86	84	130437	43.191	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	122785	46.107	ug/l	98
22) Diisopropyl ether	3.88	45	415153	47.080	ug/l	99
23) Vinyl Acetate	3.83	43	1700109	230.353	ug/l	99
24) 1,1-Dichloroethane	3.70	63	235800	49.268	ug/l	99
25) 2-Butanone	4.71	43	443697	229.384	ug/l	100
26) 2,2-Dichloropropane	4.59	77	123011	35.770	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	131180	48.413	ug/l	91
28) Bromochloromethane	5.02	49	111601	49.792	ug/l	96
29) Tetrahydrofuran	5.17	42	289918	228.696	ug/l	97
30) Chloroform	5.22	83	227073	49.201	ug/l	96
31) Cyclohexane	5.58	56	179728	45.610	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	196677	50.952	ug/l	99
36) 1,1-Dichloropropene	5.81	75	163502	49.126	ug/l	100
37) Ethyl Acetate	4.87	43	179238	47.580	ug/l	100
38) Carbon Tetrachloride	5.79	117	172426	52.027	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181871	46.744	ug/l	99
40) Benzene	6.15	78	488945	48.994	ug/l	100
41) Methacrylonitrile	5.07	41	103350	48.590	ug/l	97
42) 1,2-Dichloroethane	6.20	62	191051	49.447	ug/l	100
43) Isopropyl Acetate	6.47	43	297253	47.627	ug/l	99
44) Trichloroethene	7.22	130	139837	48.547	ug/l	98
45) 1,2-Dichloropropane	7.52	63	130220	49.579	ug/l	99
46) Dibromomethane	7.67	93	89029	50.673	ug/l	98
47) Bromodichloromethane	7.90	83	165629	53.450	ug/l	99
48) Methyl methacrylate	7.78	41	152966	47.960	ug/l	97
49) 1,4-Dioxane	7.76	88	55323	915.942	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	960689	239.729	ug/l	99
52) Toluene	8.79	92	317658	49.899	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	187403	45.893	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	171595	44.247	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130732	50.823	ug/l	99
56) Ethyl methacrylate	9.18	69	199687	50.444	ug/l	97
57) 1,3-Dichloropropane	9.38	76	213264	49.020	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	490813	256.347	ug/l	98
59) 2-Hexanone	9.50	43	732983	242.732	ug/l	99
60) Dibromochloromethane	9.59	129	137680	47.763	ug/l	99
61) 1,2-Dibromoethane	9.68	107	137326	51.547	ug/l	100
64) Tetrachloroethene	9.34	164	160691	47.297	ug/l	98
65) Chlorobenzene	10.14	112	367834	48.936	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	135953	53.053	ug/l	99
67) Ethyl Benzene	10.26	91	619085	48.830	ug/l	100
68) m/p-Xylenes	10.37	106	482332	98.625	ug/l	99
69) o-Xylene	10.70	106	235440	48.999	ug/l	99
70) Styrene	10.71	104	400715	50.710	ug/l	99
71) Bromoform	10.86	173	104696	45.373	ug/l #	100
73) Isopropylbenzene	11.02	105	634211	48.352	ug/l	100
74) N-amyl acetate	6.47	43	297253	45.612	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	192902	49.801	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	166485m	44.987	ug/l	
77) Bromobenzene	11.26	156	180463	49.385	ug/l	96
78) n-propylbenzene	11.37	91	723101	48.070	ug/l	99
79) 2-Chlorotoluene	11.43	91	428191	47.676	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	536044	48.358	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	45944	40.585	ug/l	94
82) 4-Chlorotoluene	11.51	91	514647	48.563	ug/l	99
83) tert-Butylbenzene	11.77	119	519032	48.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	556150	49.169	ug/l	99
85) sec-Butylbenzene	11.95	105	639892	48.191	ug/l	100
86) p-Isopropyltoluene	12.07	119	582774	48.507	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	326170	48.672	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	330973	48.540	ug/l	99
89) n-Butylbenzene	12.39	91	508735	48.000	ug/l	99
90) Hexachloroethane	12.60	117	82770	44.501	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	330788	49.044	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	41908	51.653	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	245355	50.122	ug/l	99
94) Hexachlorobutadiene	13.79	225	116991	45.370	ug/l	100
95) Naphthalene	13.84	128	677598	51.441	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	243821	49.593	ug/l	99

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

