

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002565.D
 Acq On : 14 Jun 2018 21:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:55 PM

Quant Time: Jun 15 03:13:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148069	63.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.54%	
35) Dibromofluoromethane	5.51	113	111946	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.72	98	392710	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.14	95	160399	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	44311	25.669	ug/l	100
3) Chloromethane	1.32	50	99202	50.165	ug/l	100
4) Vinyl Chloride	1.40	62	93831	43.129	ug/l	100
5) Bromomethane	1.64	94	68007	55.612	ug/l	99
6) Chloroethane	1.72	64	73808	52.446	ug/l	98
7) Trichlorofluoromethane	1.92	101	129473	39.059	ug/l	97
8) Diethyl Ether	2.19	74	84623	72.938	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	61998	34.659	ug/l	100
10) Methyl Iodide	2.51	142	131694	52.342	ug/l	98
11) Tert butyl alcohol	3.09	59	165709	348.275	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82599	46.724	ug/l	98
13) Acrolein	2.29	56	30264	123.417	ug/l	99
14) Allyl chloride	2.73	41	209209	54.533	ug/l	99
15) Acrylonitrile	3.15	53	375563	376.511	ug/l	100
16) Acetone	2.45	43	344046	344.095	ug/l	100
17) Carbon Disulfide	2.57	76	174054	37.357	ug/l	99
18) Methyl Acetate	2.78	43	189253	81.240	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	460246	76.008	ug/l	100
20) Methylene Chloride	2.86	84	128286	69.397	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	104271	53.487	ug/l	96
22) Diisopropyl ether	3.88	45	422215	66.363	ug/l	98
23) Vinyl Acetate	3.83	43	1867310	300.250	ug/l	99
24) 1,1-Dichloroethane	3.70	63	209528	55.259	ug/l	99
25) 2-Butanone	4.71	43	493553	303.131	ug/l	97
26) 2,2-Dichloropropane	4.59	77	123534	41.679	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	123694	58.344	ug/l	93
28) Bromochloromethane	5.02	49	109871	69.522	ug/l	98
29) Tetrahydrofuran	5.17	42	319254	304.123	ug/l	98
30) Chloroform	5.22	83	217995	59.580	ug/l	99
31) Cyclohexane	5.57	56	96351	32.135	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	159439	51.383	ug/l	100
36) 1,1-Dichloropropene	5.81	75	120223	39.532	ug/l	99
37) Ethyl Acetate	4.87	43	198896	54.383	ug/l	100
38) Carbon Tetrachloride	5.78	117	123160	38.711	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87314	23.380	ug/l	97
40) Benzene	6.15	78	445419	47.767	ug/l	100
41) Methacrylonitrile	5.07	41	111903	53.449	ug/l	99
42) 1,2-Dichloroethane	6.20	62	193418	52.208	ug/l	100
43) Isopropyl Acetate	6.47	43	334833	53.901	ug/l	99
44) Trichloroethene	7.22	130	119197	46.058	ug/l	99
45) 1,2-Dichloropropane	7.52	63	127083	50.483	ug/l	100
46) Dibromomethane	7.67	93	89925	52.695	ug/l	99
47) Bromodichloromethane	7.90	83	163918	53.110	ug/l	99
48) Methyl methacrylate	7.78	41	170864	54.758	ug/l	98
49) 1,4-Dioxane	7.76	88	57868	991.851	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1088851	281.465	ug/l	99
52) Toluene	8.79	92	286328	48.279	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	192714	52.067	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	181514	51.980	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	135044	55.363	ug/l	99
56) Ethyl methacrylate	9.18	69	215924	55.446	ug/l	99
57) 1,3-Dichloropropane	9.38	76	221907	54.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	519039	287.966	ug/l	99
59) 2-Hexanone	9.50	43	824202	275.831	ug/l	99
60) Dibromochloromethane	9.59	129	137982	56.239	ug/l	100
61) 1,2-Dibromoethane	9.68	107	141633	55.688	ug/l	99
64) Tetrachloroethene	9.34	164	125663	41.628	ug/l	99
65) Chlorobenzene	10.14	112	349800	48.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	134487	50.996	ug/l	100
67) Ethyl Benzene	10.26	91	560962	46.023	ug/l	99
68) m/p-Xylenes	10.36	106	431965	91.170	ug/l	99
69) o-Xylene	10.70	106	225699	47.867	ug/l	98
70) Styrene	10.71	104	387381	50.257	ug/l	99
71) Bromoform	10.86	173	109439	46.590	ug/l	98
73) Isopropylbenzene	11.02	105	552674	42.462	ug/l	100
74) N-amyl acetate	6.47	43	334833	47.743	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209173	51.097	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	205951m	50.164	ug/l	
77) Bromobenzene	11.26	156	176129	48.201	ug/l	98
78) n-propylbenzene	11.37	91	621160	42.937	ug/l	100
79) 2-Chlorotoluene	11.43	91	406424	44.492	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	486113	43.543	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52541	44.860	ug/l	96
82) 4-Chlorotoluene	11.51	91	480579	45.579	ug/l	99
83) tert-Butylbenzene	11.77	119	460695	42.377	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	519948	45.244	ug/l	99
85) sec-Butylbenzene	11.95	105	523263	41.057	ug/l	100
86) p-Isopropyltoluene	12.07	119	486685	41.924	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	309241	47.332	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	313758	46.590	ug/l	100
89) n-Butylbenzene	12.39	91	400270	41.112	ug/l	99
90) Hexachloroethane	12.60	117	77565	41.857	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	326734	48.334	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46846	52.330	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	227071	47.906	ug/l	99
94) Hexachlorobutadiene	13.79	225	85870	36.661	ug/l	99
95) Naphthalene	13.84	128	711899	52.273	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	239049	49.451	ug/l	100

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

