

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006059.D
 Acq On : 16 Nov 2018 19:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/19/2018 12:22:58 PM

Quant Time: Nov 17 02:55:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	171255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	156295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	69846	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	5.50	113	57022	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.72	98	204616	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
62) 4-Bromofluorobenzene	11.14	95	70530	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50609	48.593	ug/l	97
3) Chloromethane	1.32	50	59286	43.375	ug/l	91
4) Vinyl Chloride	1.40	62	63074	45.967	ug/l	97
5) Bromomethane	1.64	94	31539	37.559	ug/l	94
6) Chloroethane	1.71	64	45099	55.084	ug/l	99
7) Trichlorofluoromethane	1.92	101	89047	48.890	ug/l	91
8) Diethyl Ether	2.19	74	39040	54.702	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52320	49.946	ug/l	99
10) Methyl Iodide	2.51	142	51174	40.308	ug/l	97
11) Tert butyl alcohol	3.07	59	103007	270.771	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50005	48.976	ug/l	98
13) Acrolein	2.29	56	53238	290.167	ug/l	99
14) Allyl chloride	2.73	41	112053	49.138	ug/l	98
15) Acrylonitrile	3.15	53	214613	272.221	ug/l	98
16) Acetone	2.45	43	194985	272.699	ug/l	96
17) Carbon Disulfide	2.57	76	123780	40.644	ug/l	99
18) Methyl Acetate	2.78	43	113788	59.670	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	193737	55.595	ug/l	96
20) Methylene Chloride	2.85	84	59209	50.411	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	52842	49.068	ug/l	92
22) Diisopropyl ether	3.87	45	213043	53.332	ug/l #	88
23) Vinyl Acetate	3.82	43	914002	266.856	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111637	52.382	ug/l	98
25) 2-Butanone	4.70	43	303009	269.551	ug/l	99
26) 2,2-Dichloropropane	4.57	77	78998	50.531	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	64719	54.426	ug/l	97
28) Bromochloromethane	5.01	49	54238	56.944	ug/l	96
29) Tetrahydrofuran	5.15	42	196910	272.814	ug/l	98
30) Chloroform	5.22	83	110368	53.677	ug/l	99
31) Cyclohexane	5.57	56	89495	48.376	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	90884	52.993	ug/l	98
36) 1,1-Dichloropropene	5.80	75	77720	47.076	ug/l	99
37) Ethyl Acetate	4.85	43	109349	50.368	ug/l	99
38) Carbon Tetrachloride	5.78	117	76637	46.369	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79060	47.249	ug/l	87
40) Benzene	6.14	78	244131	50.725	ug/l	98
41) Methacrylonitrile	5.06	41	61749	52.637	ug/l	98
42) 1,2-Dichloroethane	6.20	62	85041	49.332	ug/l	98
43) Isopropyl Acetate	6.46	43	162968	51.804	ug/l	97
44) Trichloroethene	7.21	130	58613	47.955	ug/l	91
45) 1,2-Dichloropropane	7.51	63	60899	52.132	ug/l	97
46) Dibromomethane	7.66	93	36277	49.489	ug/l	100
47) Bromodichloromethane	7.90	83	70585	50.952	ug/l	91
48) Methyl methacrylate	7.77	41	74406	52.675	ug/l	98
49) 1,4-Dioxane	7.75	88	32505	1067.902	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	505393	254.911	ug/l	98
52) Toluene	8.79	92	139829	51.984	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	87162	53.316	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	86175	51.716	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	67995	56.719	ug/l	86
56) Ethyl methacrylate	9.18	69	96579	53.843	ug/l	97
57) 1,3-Dichloropropane	9.37	76	108633	53.923	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	244687	250.334	ug/l	100
59) 2-Hexanone	9.50	43	466164	266.746	ug/l	95
60) Dibromochloromethane	9.59	129	66295	51.170	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67751	51.110	ug/l	97
64) Tetrachloroethene	9.34	164	63107	47.424	ug/l	93
65) Chlorobenzene	10.14	112	168920	53.949	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.23	131	62278	57.212	ug/l	99
67) Ethyl Benzene	10.26	91	285205	56.805	ug/l	96
68) m/p-Xylenes	10.36	106	215630	112.594	ug/l	92
69) o-Xylene	10.70	106	95626	55.684	ug/l	95
70) Styrene	10.71	104	170092	60.042	ug/l	98
71) Bromoform	10.86	173	53997	59.174	ug/l	99
73) Isopropylbenzene	11.02	105	255093	58.373	ug/l	100
74) N-amyl acetate	10.90	43	139982	56.911	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	91641	57.132	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87663m	56.970	ug/l	
77) Bromobenzene	11.26	156	67949	55.165	ug/l	99
78) n-propylbenzene	11.36	91	293230	56.935	ug/l	99
79) 2-Chlorotoluene	11.42	91	174548	56.071	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	217861	58.665	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	28078	58.157	ug/l	94
82) 4-Chlorotoluene	11.51	91	207086	56.445	ug/l	100
83) tert-Butylbenzene	11.77	119	216556	57.641	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	225215	54.965	ug/l	99
85) sec-Butylbenzene	11.94	105	261879	57.001	ug/l	100
86) p-Isopropyltoluene	12.07	119	234986	57.743	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	126067	53.330	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	127530	52.700	ug/l	100
89) n-Butylbenzene	12.39	91	204727	54.281	ug/l	99
90) Hexachloroethane	12.60	117	39325	57.880	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	128608	54.309	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23101	59.019	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	95943	57.551	ug/l	100
94) Hexachlorobutadiene	13.79	225	45388	51.830	ug/l	99
95) Naphthalene	13.83	128	302413	55.492	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	98366	57.917	ug/l	99

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

