

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002456.D
 Acq On : 11 Jun 2018 21:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/12/2018 4:50:32 PM

Quant Time: Jun 12 03:42:27 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	196655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	142151	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.51	113	110030	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
50) Toluene-d8	8.72	98	404711	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
62) 4-Bromofluorobenzene	11.14	95	160638	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86089	42.11	ug/l	100
3) Chloromethane	1.32	50	113701	48.45	ug/l	96
4) Vinyl Chloride	1.41	62	124672	48.39	ug/l	100
5) Bromomethane	1.64	94	77773	53.58	ug/l	99
6) Chloroethane	1.72	64	88470	53.08	ug/l	99
7) Trichlorofluoromethane	1.93	101	208878	53.21	ug/l	98
8) Diethyl Ether	2.19	74	88074	63.80	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111802	52.78	ug/l	99
10) Methyl Iodide	2.51	142	128690	43.19	ug/l	99
11) Tert butyl alcohol	3.08	59	163603	286.77	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108240	51.70	ug/l	99
13) Acrolein	2.30	56	66438	237.45	ug/l	98
14) Allyl chloride	2.73	41	230591	50.75	ug/l	99
15) Acrylonitrile	3.15	53	372881	314.03	ug/l	100
16) Acetone	2.45	43	343324	286.68	ug/l	100
17) Carbon Disulfide	2.57	76	248498	45.04	ug/l	98
18) Methyl Acetate	2.78	43	185783	66.85	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	459338	63.66	ug/l	100
20) Methylene Chloride	2.86	84	137117	62.35	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	119760	51.87	ug/l	98
22) Diisopropyl ether	3.87	45	423157	55.93	ug/l	93
23) Vinyl Acetate	3.83	43	1816070	246.58	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241897	53.87	ug/l	99
25) 2-Butanone	4.71	43	467539	242.47	ug/l	99
26) 2,2-Dichloropropane	4.59	77	142905	40.71	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	123743	49.29	ug/l	95
28) Bromochloromethane	5.03	49	113158	59.96	ug/l	99
29) Tetrahydrofuran	5.17	42	305018	245.35	ug/l	98
30) Chloroform	5.22	83	224819	51.88	ug/l	98
31) Cyclohexane	5.57	56	161580	45.51	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	184883	50.31	ug/l	99
36) 1,1-Dichloropropene	5.80	75	149010	46.69	ug/l	99
37) Ethyl Acetate	4.87	43	190115	49.53	ug/l	99
38) Carbon Tetrachloride	5.79	117	160117	47.95	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161805	41.08	ug/l	96
40) Benzene	6.15	78	476140	48.65	ug/l	99
41) Methacrylonitrile	5.07	41	108077	49.19	ug/l	99
42) 1,2-Dichloroethane	6.20	62	194435	50.01	ug/l	100
43) Isopropyl Acetate	6.47	43	320295	49.13	ug/l	99
44) Trichloroethene	7.21	130	130853	48.18	ug/l	98
45) 1,2-Dichloropropane	7.53	63	131789	49.88	ug/l	95
46) Dibromomethane	7.67	93	88816	49.59	ug/l	98
47) Bromodichloromethane	7.90	83	168895	52.14	ug/l	99
48) Methyl methacrylate	7.78	41	164289	50.17	ug/l	98
49) 1,4-Dioxane	7.76	88	59564	972.76	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1044315	257.22	ug/l	99
52) Toluene	8.79	92	311388	50.03	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	195231	50.26	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	184271	50.28	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	133001	51.95	ug/l	98
56) Ethyl methacrylate	9.18	69	207640	50.80	ug/l	99
57) 1,3-Dichloropropane	9.38	76	221688	51.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	487271	257.59	ug/l	99
59) 2-Hexanone	9.50	43	790662	252.12	ug/l	99
60) Dibromochloromethane	9.59	129	138973	53.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	140475	52.63	ug/l	100
64) Tetrachloroethene	9.34	164	140333	44.97	ug/l	99
65) Chlorobenzene	10.14	112	365780	48.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	137605	50.47	ug/l	99
67) Ethyl Benzene	10.26	91	618528	49.09	ug/l	100
68) m/p-Xylenes	10.37	106	480311	98.06	ug/l	100
69) o-Xylene	10.70	106	238836	49.00	ug/l	100
70) Styrene	10.71	104	408407	51.25	ug/l	99
71) Bromoform	10.86	173	109284	45.12	ug/l	98
73) Isopropylbenzene	11.02	105	636645	46.38	ug/l	100
74) N-amyl acetate	6.47	43	320295	43.31	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	206774	47.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	176592m	40.79	ug/l	
77) Bromobenzene	11.26	156	183107	47.52	ug/l	98
78) n-propylbenzene	11.37	91	726670	47.63	ug/l	100
79) 2-Chlorotoluene	11.43	91	445253	46.22	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	551309	46.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	51703	41.86	ug/l	95
82) 4-Chlorotoluene	11.51	91	528823	47.56	ug/l	100
83) tert-Butylbenzene	11.77	119	540602	47.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	572728	47.26	ug/l	98
85) sec-Butylbenzene	11.95	105	651182	48.45	ug/l	100
86) p-Isopropyltoluene	12.07	119	594606	48.57	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	330726	48.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	337588	47.54	ug/l	99
89) n-Butylbenzene	12.39	91	510896	49.76	ug/l	99
90) Hexachloroethane	12.60	117	89791	45.95	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	340732	47.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	44674	47.32	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	245639	49.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	120004	48.58	ug/l	98
95) Naphthalene	13.84	128	706968	49.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	252876	49.61	ug/l	100

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

