

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002626.D
 Acq On : 16 Jun 2018 05:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:05 PM

Quant Time: Jun 16 07:21:08 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	213603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157094	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.51	113	125228	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	8.72	98	482905	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	183733	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106999	47.19	ug/l	99
3) Chloromethane	1.32	50	119415	44.27	ug/l	100
4) Vinyl Chloride	1.41	62	134863	48.18	ug/l	98
5) Bromomethane	1.64	94	71036	42.06	ug/l	98
6) Chloroethane	1.72	64	91072	49.36	ug/l	99
7) Trichlorofluoromethane	1.93	101	231698	50.95	ug/l	99
8) Diethyl Ether	2.19	74	82545	47.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128820	50.68	ug/l	99
10) Methyl Iodide	2.51	142	134414	40.30	ug/l	98
11) Tert butyl alcohol	3.08	59	162353	241.95	ug/l	98
12) 1,1-Dichloroethene	2.37	96	117310	49.15	ug/l	97
13) Acrolein	2.30	56	63456	203.04	ug/l	99
14) Allyl chloride	2.73	41	225821	47.65	ug/l	99
15) Acrylonitrile	3.15	53	354068	241.80	ug/l	99
16) Acetone	2.45	43	335291	234.13	ug/l	100
17) Carbon Disulfide	2.57	76	288391	50.95	ug/l	98
18) Methyl Acetate	2.78	43	186103	48.78	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	432504	48.31	ug/l	98
20) Methylene Chloride	2.86	84	132550	45.14	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	127049	49.07	ug/l	99
22) Diisopropyl ether	3.88	45	413226	48.20	ug/l	98
23) Vinyl Acetate	3.83	43	1729674	241.04	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216176	46.45	ug/l	99
25) 2-Butanone	4.71	43	463490	246.44	ug/l	99
26) 2,2-Dichloropropane	4.59	77	116968	34.98	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	130335	49.47	ug/l	90
28) Bromochloromethane	5.03	49	109426	50.21	ug/l	96
29) Tetrahydrofuran	5.17	42	301392	244.52	ug/l	98
30) Chloroform	5.22	83	227857	50.78	ug/l	97
31) Cyclohexane	5.58	56	195180	50.94	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	197328	52.58	ug/l	99
36) 1,1-Dichloropropene	5.81	75	164472	49.74	ug/l	100
37) Ethyl Acetate	4.87	43	182878	48.86	ug/l	100
38) Carbon Tetrachloride	5.79	117	173847	52.79	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197857	51.18	ug/l	98
40) Benzene	6.15	78	493819	49.80	ug/l	100
41) Methacrylonitrile	5.07	41	103975	49.20	ug/l	98
42) 1,2-Dichloroethane	6.20	62	193206	50.33	ug/l	100
43) Isopropyl Acetate	6.47	43	300564	48.47	ug/l	100
44) Trichloroethene	7.21	130	141988	49.61	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131814	50.51	ug/l	98
46) Dibromomethane	7.67	93	88652	50.78	ug/l	99
47) Bromodichloromethane	7.90	83	162588	52.81	ug/l	98
48) Methyl methacrylate	7.78	41	157130	49.58	ug/l	98
49) 1,4-Dioxane	7.76	88	60549	1008.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1009383	253.51	ug/l	100
52) Toluene	8.79	92	327306	51.75	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	183904	45.36	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	169046	43.90	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	132188	51.72	ug/l	98
56) Ethyl methacrylate	9.18	69	201718	51.29	ug/l	99
57) 1,3-Dichloropropane	9.38	76	216943	50.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	480159	252.40	ug/l	99
59) 2-Hexanone	9.50	43	766033	255.31	ug/l	99
60) Dibromochloromethane	9.59	129	135371	47.30	ug/l	99
61) 1,2-Dibromoethane	9.68	107	137760	52.04	ug/l	100
64) Tetrachloroethene	9.34	164	165535	48.37	ug/l	100
65) Chlorobenzene	10.14	112	372860	49.25	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	134201	51.99	ug/l	100
67) Ethyl Benzene	10.26	91	641763	50.25	ug/l	99
68) m/p-Xylenes	10.36	106	500018	101.51	ug/l	99
69) o-Xylene	10.70	106	244186	50.45	ug/l	97
70) Styrene	10.71	104	408754	51.36	ug/l	99
71) Bromoform	10.86	173	102253	44.14	ug/l	100
73) Isopropylbenzene	11.02	105	666904	50.44	ug/l	100
74) N-amyl acetate	6.47	43	300564	45.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	192931	49.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	187883m	50.36	ug/l	
77) Bromobenzene	11.26	156	182165	49.45	ug/l	97
78) n-propylbenzene	11.37	91	760609	50.16	ug/l	100
79) 2-Chlorotoluene	11.43	91	444143	49.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	559637	50.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	43725	38.55	ug/l	95
82) 4-Chlorotoluene	11.51	91	527249	49.35	ug/l	99
83) tert-Butylbenzene	11.77	119	547076	50.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	582976	51.13	ug/l	99
85) sec-Butylbenzene	11.95	105	678295	50.68	ug/l	99
86) p-Isopropyltoluene	12.07	119	617877	51.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	333475	49.36	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	336544	48.96	ug/l	99
89) n-Butylbenzene	12.39	91	535115	50.09	ug/l	100
90) Hexachloroethane	12.60	117	88104	46.84	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	339019	49.86	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42229	51.63	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	249052	50.47	ug/l	100
94) Hexachlorobutadiene	13.79	225	127659	49.11	ug/l	100
95) Naphthalene	13.84	128	689550	51.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251204	50.69	ug/l	99

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

