

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002601.D
 Acq On : 15 Jun 2018 17:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:02 PM

Quant Time: Jun 16 01:56:31 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	249640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220974	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	179051	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
35) Dibromofluoromethane	5.51	113	139754	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.72	98	540637	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	209195	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133944	50.54	ug/l	100
3) Chloromethane	1.32	50	149480	47.42	ug/l	98
4) Vinyl Chloride	1.40	62	166074	50.77	ug/l	100
5) Bromomethane	1.64	94	107700	54.56	ug/l	99
6) Chloroethane	1.71	64	108522	50.33	ug/l	99
7) Trichlorofluoromethane	1.93	101	288595	54.30	ug/l	98
8) Diethyl Ether	2.19	74	103166	51.03	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	166982	56.21	ug/l	99
10) Methyl Iodide	2.51	142	183757	46.26	ug/l	99
11) Tert butyl alcohol	3.08	59	192376	245.30	ug/l	98
12) 1,1-Dichloroethene	2.37	96	144026	51.63	ug/l	97
13) Acrolein	2.29	56	84211	229.63	ug/l	99
14) Allyl chloride	2.73	41	287345	51.88	ug/l	98
15) Acrylonitrile	3.15	53	430640	251.64	ug/l	100
16) Acetone	2.45	43	410529	245.28	ug/l	98
17) Carbon Disulfide	2.57	76	354449	53.58	ug/l	98
18) Methyl Acetate	2.78	43	225142	50.49	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	532355	50.87	ug/l	98
20) Methylene Chloride	2.85	84	159942	46.61	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	155828	51.49	ug/l	97
22) Diisopropyl ether	3.88	45	504417	50.34	ug/l	99
23) Vinyl Acetate	3.83	43	2162351	257.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	296696	54.55	ug/l	99
25) 2-Butanone	4.71	43	563759	256.49	ug/l	99
26) 2,2-Dichloropropane	4.59	77	216402	55.38	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157261	51.08	ug/l	95
28) Bromochloromethane	5.02	49	127456	50.04	ug/l	97
29) Tetrahydrofuran	5.17	42	368320	255.68	ug/l	98
30) Chloroform	5.22	83	270553	51.59	ug/l	97
31) Cyclohexane	5.57	56	245771	54.89	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	241156	54.98	ug/l	100
36) 1,1-Dichloropropene	5.80	75	206428	55.73	ug/l	100
37) Ethyl Acetate	4.87	43	224371	53.51	ug/l	100
38) Carbon Tetrachloride	5.78	117	216880	58.80	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	258947	59.80	ug/l	98
40) Benzene	6.15	78	597930	53.83	ug/l	99
41) Methacrylonitrile	5.07	41	127121	53.70	ug/l	99
42) 1,2-Dichloroethane	6.20	62	230415	53.58	ug/l	99
43) Isopropyl Acetate	6.47	43	373716	53.80	ug/l	99
44) Trichloroethene	7.22	130	176411	55.03	ug/l	99
45) 1,2-Dichloropropane	7.52	63	154242	52.76	ug/l	99
46) Dibromomethane	7.67	93	106528	54.48	ug/l	99
47) Bromodichloromethane	7.90	83	198599	57.58	ug/l	98
48) Methyl methacrylate	7.78	41	195216	54.99	ug/l	99
49) 1,4-Dioxane	7.76	88	71110	1057.79	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1218962	273.30	ug/l	99
52) Toluene	8.79	92	393995	55.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	244621	53.41	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	226245	51.82	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	157782	55.11	ug/l	99
56) Ethyl methacrylate	9.18	69	247477	56.17	ug/l	99
57) 1,3-Dichloropropane	9.38	76	261295	53.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	610821	286.64	ug/l	99
59) 2-Hexanone	9.50	43	940251	279.76	ug/l	98
60) Dibromochloromethane	9.59	129	166271	51.51	ug/l	99
61) 1,2-Dibromoethane	9.68	107	166352	56.10	ug/l	99
64) Tetrachloroethene	9.34	164	196506	52.87	ug/l	100
65) Chlorobenzene	10.14	112	452636	55.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	165139	58.91	ug/l	99
67) Ethyl Benzene	10.26	91	790442	57.00	ug/l	98
68) m/p-Xylenes	10.36	106	614255	114.82	ug/l	99
69) o-Xylene	10.70	106	296130	56.34	ug/l	100
70) Styrene	10.71	104	498291	57.65	ug/l	99
71) Bromoform	10.86	173	127653	50.02	ug/l	99
73) Isopropylbenzene	11.02	105	824165	55.77	ug/l	100
74) N-amyl acetate	6.47	43	373716	50.89	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	230505	52.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	233590m	56.02	ug/l	
77) Bromobenzene	11.26	156	222123	53.95	ug/l	98
78) n-propylbenzene	11.37	91	961718	56.74	ug/l	100
79) 2-Chlorotoluene	11.43	91	544868	53.84	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	700135	56.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66176	50.72	ug/l	97
82) 4-Chlorotoluene	11.51	91	658441	55.14	ug/l	99
83) tert-Butylbenzene	11.77	119	684572	56.90	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	717571	56.30	ug/l	100
85) sec-Butylbenzene	11.95	105	862725	57.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	782776	57.83	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	411715	54.53	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	419863	54.65	ug/l	98
89) n-Butylbenzene	12.39	91	706124	59.13	ug/l	100
90) Hexachloroethane	12.60	117	116093	54.75	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	411833	54.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53051	58.03	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	318612	57.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	175850	60.52	ug/l	99
95) Naphthalene	13.84	128	841587	56.70	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	315431	56.94	ug/l	99

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

