

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002436.D
 Acq On : 11 Jun 2018 10:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 5:07:00 PM

Quant Time: Jun 11 16:39:33 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	223423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228269	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161741	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.51	113	124702	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
50) Toluene-d8	8.72	98	458981	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
62) 4-Bromofluorobenzene	11.14	95	188401	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	98488	42.40	ug/l	95
3) Chloromethane	1.33	50	125852	47.13	ug/l	99
4) Vinyl Chloride	1.41	62	130841	44.70	ug/l	100
5) Bromomethane	1.64	94	79999	48.17	ug/l	97
6) Chloroethane	1.72	64	92837	49.03	ug/l	99
7) Trichlorofluoromethane	1.93	101	219576	49.23	ug/l	98
8) Diethyl Ether	2.19	74	98145	62.53	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	123457	51.30	ug/l	100
10) Methyl Iodide	2.51	142	133530	39.45	ug/l	100
11) Tert butyl alcohol	3.07	59	174032	267.14	ug/l	98
12) 1,1-Dichloroethene	2.38	96	111979	47.08	ug/l	95
13) Acrolein	2.29	56	92905	294.60	ug/l	100
14) Allyl chloride	2.73	41	255411	49.48	ug/l	99
15) Acrylonitrile	3.15	53	397786	294.25	ug/l	100
16) Acetone	2.45	43	481940	359.10	ug/l	99
17) Carbon Disulfide	2.57	76	271713	43.34	ug/l	99
18) Methyl Acetate	2.78	43	193085	60.91	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	515906	62.90	ug/l	99
20) Methylene Chloride	2.86	84	148968	59.49	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	127629	48.66	ug/l	99
22) Diisopropyl ether	3.87	45	539773	62.98	ug/l	95
23) Vinyl Acetate	3.82	43	2387165	285.28	ug/l	100
24) 1,1-Dichloroethane	3.70	63	266394	52.22	ug/l	99
25) 2-Butanone	4.70	43	563063	257.03	ug/l	99
26) 2,2-Dichloropropane	4.59	77	195462	49.01	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	143420	50.28	ug/l	94
28) Bromochloromethane	5.02	49	134229	62.77	ug/l	100
29) Tetrahydrofuran	5.16	42	339189	240.15	ug/l	99
30) Chloroform	5.22	83	253108	51.42	ug/l	98
31) Cyclohexane	5.58	56	181888	45.09	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	205709	49.27	ug/l	100
36) 1,1-Dichloropropene	5.80	75	163226	45.29	ug/l	100
37) Ethyl Acetate	4.86	43	211567	48.81	ug/l	99
38) Carbon Tetrachloride	5.79	117	179499	47.61	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188097	42.28	ug/l	98
40) Benzene	6.15	78	529246	47.89	ug/l	100
41) Methacrylonitrile	5.06	41	121225	48.86	ug/l	100
42) 1,2-Dichloroethane	6.20	62	220411	50.20	ug/l	100
43) Isopropyl Acetate	6.46	43	368394	50.04	ug/l	100
44) Trichloroethene	7.21	130	148365	48.38	ug/l	100
45) 1,2-Dichloropropane	7.52	63	152487	51.11	ug/l	100
46) Dibromomethane	7.67	93	103907	51.38	ug/l	99
47) Bromodichloromethane	7.90	83	196189	53.64	ug/l	96
48) Methyl methacrylate	7.78	41	187313	50.65	ug/l	99
49) 1,4-Dioxane	7.76	88	66040	955.14	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1153204	251.54	ug/l	99
52) Toluene	8.79	92	349997	49.80	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	236613	53.94	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	226616	54.76	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	154725	53.52	ug/l	98
56) Ethyl methacrylate	9.18	69	238895	51.76	ug/l	99
57) 1,3-Dichloropropane	9.37	76	254084	52.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	619097	289.83	ug/l	99
59) 2-Hexanone	9.50	43	915771	258.61	ug/l	99
60) Dibromochloromethane	9.59	129	167570	57.63	ug/l	100
61) 1,2-Dibromoethane	9.68	107	162397	53.88	ug/l	100
64) Tetrachloroethene	9.34	164	156142	43.83	ug/l	96
65) Chlorobenzene	10.14	112	418710	48.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	160439	51.55	ug/l	100
67) Ethyl Benzene	10.26	91	697894	48.52	ug/l	99
68) m/p-Xylenes	10.36	106	544708	97.41	ug/l	100
69) o-Xylene	10.70	106	272139	48.91	ug/l	99
70) Styrene	10.71	104	464865	51.10	ug/l	100
71) Bromoform	10.86	173	133467	48.03	ug/l #	100
73) Isopropylbenzene	11.02	105	708948	44.65	ug/l	100
74) N-amyl acetate	6.46	43	368394	43.05	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	229564	45.96	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	202828m	40.49	ug/l	
77) Bromobenzene	11.26	156	209001	46.88	ug/l	98
78) n-propylbenzene	11.37	91	821940	46.57	ug/l	100
79) 2-Chlorotoluene	11.43	91	503906	45.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	624406	45.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	68618	48.02	ug/l	99
82) 4-Chlorotoluene	11.51	91	604225	46.97	ug/l	99
83) tert-Butylbenzene	11.77	119	609810	45.98	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	656245	46.81	ug/l	99
85) sec-Butylbenzene	11.95	105	725664	46.67	ug/l	100
86) p-Isopropyltoluene	12.07	119	673006	47.52	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	383380	48.10	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	392670	47.79	ug/l	99
89) n-Butylbenzene	12.39	91	595302	50.12	ug/l	100
90) Hexachloroethane	12.60	117	106582	47.14	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	395251	47.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52039	47.65	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	300990	52.05	ug/l	100
94) Hexachlorobutadiene	13.79	225	138120	48.33	ug/l	99
95) Naphthalene	13.84	128	815408	49.08	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	301799	51.17	ug/l	100

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

