

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070518\
 Data File : VX003165.D
 Acq On : 05 Jul 2018 11:04
 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

sam
 7/6/2018 4:20:10 PM

Quant Time: Jul 05 17:35:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	360310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224300	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	165971	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	
35) Dibromofluoromethane	5.51	113	142398	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.72	98	504835	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.14	95	200005	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	130898	54.11	ug/l	98
3) Chloromethane	1.32	50	138048	55.05	ug/l	97
4) Vinyl Chloride	1.41	62	151196	49.32	ug/l	99
5) Bromomethane	1.64	94	72774	50.90	ug/l	99
6) Chloroethane	1.72	64	96834	54.01	ug/l	100
7) Trichlorofluoromethane	1.93	101	239012	46.22	ug/l	98
8) Diethyl Ether	2.19	74	88676	47.17	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144377	48.18	ug/l	96
10) Methyl Iodide	2.51	142	149457	49.28	ug/l	97
11) Tert butyl alcohol	3.08	59	161286	216.07	ug/l	100
12) 1,1-Dichloroethene	2.37	96	127486	47.68	ug/l	93
13) Acrolein	2.30	56	109354	264.01	ug/l	100
14) Allyl chloride	2.73	41	247968	47.05	ug/l	95
15) Acrylonitrile	3.15	53	366708	230.00	ug/l	99
16) Acetone	2.45	43	318868	205.49	ug/l	95
17) Carbon Disulfide	2.57	76	345990	48.57	ug/l	99
18) Methyl Acetate	2.78	43	176837	40.76	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	444828	46.28	ug/l	99
20) Methylene Chloride	2.86	84	142197	47.09	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	138351	47.51	ug/l	94
22) Diisopropyl ether	3.87	45	467123	46.37	ug/l	95
23) Vinyl Acetate	3.83	43	2039001	239.03	ug/l	99
24) 1,1-Dichloroethane	3.70	63	252600	46.13	ug/l	100
25) 2-Butanone	4.71	43	539982	234.47	ug/l	95
26) 2,2-Dichloropropane	4.59	77	227681	51.14	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	159752	48.93	ug/l	94
28) Bromochloromethane	5.02	49	123386	47.08	ug/l	90
29) Tetrahydrofuran	5.17	42	349602	236.73	ug/l	96
30) Chloroform	5.21	83	274612	48.87	ug/l	99
31) Cyclohexane	5.57	56	235757	50.17	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	243994	49.35	ug/l	98
36) 1,1-Dichloropropene	5.80	75	201955	51.11	ug/l	99
37) Ethyl Acetate	4.87	43	213390	50.16	ug/l	99
38) Carbon Tetrachloride	5.78	117	222445	51.30	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254172	55.23	ug/l	97
40) Benzene	6.15	78	590100	51.40	ug/l	100
41) Methacrylonitrile	5.07	41	120495	49.19	ug/l	97
42) 1,2-Dichloroethane	6.20	62	219094	47.24	ug/l	98
43) Isopropyl Acetate	6.47	43	348933	48.90	ug/l	98
44) Trichloroethene	7.21	130	178100	52.03	ug/l	100
45) 1,2-Dichloropropane	7.52	63	152864	50.20	ug/l	97
46) Dibromomethane	7.67	93	103896	49.16	ug/l	93
47) Bromodichloromethane	7.90	83	203574	52.10	ug/l	99
48) Methyl methacrylate	7.78	41	179606	48.85	ug/l	94
49) 1,4-Dioxane	7.76	88	74484	1041.34	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1112015	249.10	ug/l	97
52) Toluene	8.79	92	386700	52.58	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	242525	54.81	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	227581	53.45	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	155888	51.58	ug/l	97
56) Ethyl methacrylate	9.18	69	233044	52.76	ug/l	93
57) 1,3-Dichloropropane	9.37	76	251699	50.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	545334	255.92	ug/l	96
59) 2-Hexanone	9.50	43	852019	251.13	ug/l	96
60) Dibromochloromethane	9.59	129	171776	53.99	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165330	52.15	ug/l	99
64) Tetrachloroethene	9.34	164	201509	52.50	ug/l	97
65) Chlorobenzene	10.14	112	451070	51.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	169856	53.33	ug/l	99
67) Ethyl Benzene	10.26	91	766505	52.92	ug/l	100
68) m/p-Xylenes	10.36	106	601058	107.67	ug/l	98
69) o-Xylene	10.70	106	289630	53.28	ug/l	97
70) Styrene	10.71	104	487544	55.20	ug/l	98
71) Bromoform	10.86	173	144466	50.18	ug/l	100
73) Isopropylbenzene	11.02	105	807745	53.53	ug/l	100
74) N-amyl acetate	6.47	43	348933	47.26	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	231645	49.84	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	206882m	50.92	ug/l	
77) Bromobenzene	11.26	156	220747	51.37	ug/l	95
78) n-propylbenzene	11.36	91	919985	53.56	ug/l	98
79) 2-Chlorotoluene	11.43	91	532087	51.17	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	690021	54.29	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	68456	48.96	ug/l	94
82) 4-Chlorotoluene	11.51	91	643774	52.30	ug/l	98
83) tert-Butylbenzene	11.77	119	678990	54.21	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	703408	53.42	ug/l	98
85) sec-Butylbenzene	11.95	105	816052	53.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	746496	54.65	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	409474	52.17	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	410320	50.80	ug/l	99
89) n-Butylbenzene	12.39	91	645299	54.27	ug/l	98
90) Hexachloroethane	12.60	117	110091	54.18	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	404911	51.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50819	48.63	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	315469	54.72	ug/l	100
94) Hexachlorobutadiene	13.79	225	172512	60.00	ug/l	98
95) Naphthalene	13.83	128	822268	53.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	312381	54.25	ug/l	100

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

