

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071018\
 Data File : VX003302.D
 Acq On : 10 Jul 2018 23:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:29 PM

Quant Time: Jul 11 05:04:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203102	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183289	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	5.51	113	152700	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	8.72	98	568768	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
62) 4-Bromofluorobenzene	11.14	95	210101	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	177549	50.75	ug/l	97
3) Chloromethane	1.32	50	152754	48.02	ug/l	99
4) Vinyl Chloride	1.40	62	158125	48.43	ug/l	99
5) Bromomethane	1.64	94	51506	53.57	ug/l	97
6) Chloroethane	1.72	64	90845	50.22	ug/l	100
7) Trichlorofluoromethane	1.92	101	240152	49.48	ug/l	98
8) Diethyl Ether	2.19	74	84189	47.99	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	136006	47.86	ug/l	96
10) Methyl Iodide	2.51	142	143257	46.15	ug/l	97
11) Tert butyl alcohol	3.09	59	182879	278.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	122374	47.32	ug/l	91
13) Acrolein	2.30	56	97158	183.62	ug/l	99
14) Allyl chloride	2.73	41	233018	48.64	ug/l	94
15) Acrylonitrile	3.15	53	382191	260.67	ug/l	99
16) Acetone	2.45	43	345793	268.93	ug/l	96
17) Carbon Disulfide	2.57	76	330032	45.92	ug/l	99
18) Methyl Acetate	2.78	43	209330	57.71	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	428581	49.61	ug/l	100
20) Methylene Chloride	2.86	84	136788	51.94	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	134424	48.76	ug/l	95
22) Diisopropyl ether	3.88	45	443363	45.49	ug/l	98
23) Vinyl Acetate	3.83	43	1933062	233.63	ug/l	98
24) 1,1-Dichloroethane	3.70	63	252239	49.73	ug/l	98
25) 2-Butanone	4.72	43	611965	268.97	ug/l	96
26) 2,2-Dichloropropane	4.59	77	147122	33.16	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	162559	47.98	ug/l	97
28) Bromochloromethane	5.03	49	128343	50.22	ug/l	89
29) Tetrahydrofuran	5.17	42	385942	261.34	ug/l	96
30) Chloroform	5.22	83	279595	50.11	ug/l	96
31) Cyclohexane	5.57	56	233380	49.13	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	246598	50.10	ug/l	98
36) 1,1-Dichloropropene	5.80	75	200769	48.03	ug/l	98
37) Ethyl Acetate	4.87	43	228087	49.77	ug/l	99
38) Carbon Tetrachloride	5.78	117	222111	48.57	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232777	47.27	ug/l	98
40) Benzene	6.15	78	611126	49.33	ug/l	99
41) Methacrylonitrile	5.07	41	129564	51.64	ug/l	97
42) 1,2-Dichloroethane	6.20	62	223417	48.27	ug/l	98
43) Isopropyl Acetate	6.48	43	364782	50.69	ug/l	98
44) Trichloroethene	7.21	130	179536	49.01	ug/l	99
45) 1,2-Dichloropropane	7.52	63	155089	48.15	ug/l	99
46) Dibromomethane	7.67	93	109245	49.76	ug/l	94
47) Bromodichloromethane	7.90	83	203089	50.14	ug/l	98
48) Methyl methacrylate	7.79	41	189316	51.29	ug/l	92
49) 1,4-Dioxane	7.76	88	81857	1060.68	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1172844	261.78	ug/l	96
52) Toluene	8.79	92	396585	50.64	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226167	47.45	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	210512	48.53	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	164830	50.74	ug/l	98
56) Ethyl methacrylate	9.19	69	234074	52.60	ug/l	91
57) 1,3-Dichloropropane	9.38	76	263129	50.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	577533	269.06	ug/l	95
59) 2-Hexanone	9.50	43	932539	274.03	ug/l	94
60) Dibromochloromethane	9.59	129	173641	51.19	ug/l	100
61) 1,2-Dibromoethane	9.68	107	175003	51.40	ug/l	100
64) Tetrachloroethene	9.34	164	217945	51.47	ug/l	98
65) Chlorobenzene	10.14	112	454731	47.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172735	50.30	ug/l	99
67) Ethyl Benzene	10.26	91	759365	49.33	ug/l	100
68) m/p-Xylenes	10.36	106	599721	100.15	ug/l	97
69) o-Xylene	10.70	106	290306	50.04	ug/l	96
70) Styrene	10.71	104	479754	51.00	ug/l	98
71) Bromoform	10.86	173	141627	50.12	ug/l #	98
73) Isopropylbenzene	11.02	105	774555	48.30	ug/l	100
74) N-amyl acetate	6.48	43	364782	47.69	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	227089	45.66	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	230122m	52.43	ug/l	
77) Bromobenzene	11.26	156	222474	48.05	ug/l	94
78) n-propylbenzene	11.37	91	859290	48.20	ug/l	98
79) 2-Chlorotoluene	11.43	91	513311	47.26	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	655079	49.06	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	57671	42.94	ug/l	96
82) 4-Chlorotoluene	11.51	91	605568	47.75	ug/l	97
83) tert-Butylbenzene	11.77	119	641572	48.10	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	682685	49.93	ug/l	98
85) sec-Butylbenzene	11.95	105	778455	49.38	ug/l	98
86) p-Isopropyltoluene	12.07	119	710560	49.47	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	404812	47.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	409698	47.65	ug/l	98
89) n-Butylbenzene	12.39	91	581485	48.46	ug/l	99
90) Hexachloroethane	12.60	117	102354	46.68	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	409855	48.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53454	50.09	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	295522	47.61	ug/l	100
94) Hexachlorobutadiene	13.79	225	145273	47.02	ug/l	99
95) Naphthalene	13.84	128	847471	52.19	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305810	49.40	ug/l	100

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

