

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX103018\
 Data File : VX005703.D
 Acq On : 30 Oct 2018 20:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 11:07:17 AM

Quant Time: Oct 31 02:25:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	256309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	120413	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	5.49	113	99745	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
50) Toluene-d8	8.72	98	350783	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
62) 4-Bromofluorobenzene	11.14	95	133164	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	126042	64.25	ug/l	92
3) Chloromethane	1.32	50	133368	53.39	ug/l	98
4) Vinyl Chloride	1.41	62	131448	53.51	ug/l	94
5) Bromomethane	1.64	94	61204	40.04	ug/l	97
6) Chloroethane	1.71	64	78133	49.79	ug/l	97
7) Trichlorofluoromethane	1.93	101	174895	51.24	ug/l	97
8) Diethyl Ether	2.19	74	67512	49.56	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103265	52.73	ug/l	99
10) Methyl Iodide	2.51	142	95233	46.75	ug/l	99
11) Tert butyl alcohol	3.07	59	163408	250.31	ug/l	98
12) 1,1-Dichloroethene	2.37	96	93037	49.87	ug/l	90
13) Acrolein	2.29	56	63883	191.83	ug/l	96
14) Allyl chloride	2.73	41	202253	48.58	ug/l	99
15) Acrylonitrile	3.15	53	368422	251.67	ug/l	98
16) Acetone	2.45	43	323985	252.73	ug/l	99
17) Carbon Disulfide	2.57	76	284941	50.11	ug/l	99
18) Methyl Acetate	2.78	43	188668	59.86	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	342060	51.40	ug/l	94
20) Methylene Chloride	2.85	84	110729	51.57	ug/l	81
21) trans-1,2-Dichloroethene	3.17	96	100230	49.21	ug/l	97
22) Diisopropyl ether	3.88	45	356233	48.99	ug/l	# 86
23) Vinyl Acetate	3.82	43	1677198	261.92	ug/l	97
24) 1,1-Dichloroethane	3.70	63	201685	51.02	ug/l	99
25) 2-Butanone	4.70	43	518275	265.49	ug/l	93
26) 2,2-Dichloropropane	4.58	77	135110	44.27	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	107198	48.82	ug/l	95
28) Bromochloromethane	5.02	49	102250	53.48	ug/l	99
29) Tetrahydrofuran	5.15	42	343563	270.44	ug/l	98
30) Chloroform	5.21	83	194038	52.48	ug/l	94
31) Cyclohexane	5.57	56	165774	50.69	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	162038	49.65	ug/l	99
36) 1,1-Dichloropropene	5.80	75	130397	49.10	ug/l	97
37) Ethyl Acetate	4.85	43	181416	53.54	ug/l	99
38) Carbon Tetrachloride	5.78	117	142521	50.96	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149478	50.98	ug/l	97
40) Benzene	6.14	78	412316	54.16	ug/l	98
41) Methacrylonitrile	5.06	41	105127	55.69	ug/l	98
42) 1,2-Dichloroethane	6.20	62	149994	51.87	ug/l	99
43) Isopropyl Acetate	6.46	43	254974	50.21	ug/l	97
44) Trichloroethene	7.21	130	106398	51.31	ug/l	98
45) 1,2-Dichloropropane	7.52	63	106574	52.07	ug/l	99
46) Dibromomethane	7.66	93	67107	50.77	ug/l	98
47) Bromodichloromethane	7.90	83	134270	52.34	ug/l	97
48) Methyl methacrylate	7.77	41	132018	53.37	ug/l	100
49) 1,4-Dioxane	7.75	88	54217	1002.90	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	889700	260.70	ug/l	99
52) Toluene	8.79	92	242671	52.45	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145753	52.57	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	156878	52.55	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99715	51.12	ug/l	99
56) Ethyl methacrylate	9.18	69	157294	54.06	ug/l	99
57) 1,3-Dichloropropane	9.37	76	169483	51.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	414211	254.91	ug/l	100
59) 2-Hexanone	9.49	43	704982	262.00	ug/l	99
60) Dibromochloromethane	9.59	129	109255	53.69	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104920	51.99	ug/l	100
64) Tetrachloroethene	9.34	164	110427	51.90	ug/l	98
65) Chlorobenzene	10.14	112	274445	50.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102322	51.41	ug/l	100
67) Ethyl Benzene	10.25	91	471291	52.48	ug/l	100
68) m/p-Xylenes	10.36	106	365337	104.86	ug/l	100
69) o-Xylene	10.70	106	176290	53.78	ug/l	100
70) Styrene	10.71	104	298684	54.43	ug/l	99
71) Bromoform	10.86	173	91349	51.44	ug/l	99
73) Isopropylbenzene	11.02	105	482442	53.48	ug/l	99
74) N-amyl acetate	10.90	43	232030	51.90	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163747	49.20	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	153842m	49.20	ug/l	
77) Bromobenzene	11.26	156	128459	51.09	ug/l	99
78) n-propylbenzene	11.36	91	555485	53.85	ug/l	99
79) 2-Chlorotoluene	11.42	91	329567	51.52	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	412077	53.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45827	47.89	ug/l	98
82) 4-Chlorotoluene	11.51	91	390655	51.80	ug/l	100
83) tert-Butylbenzene	11.77	119	404945	52.64	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	426248	54.49	ug/l	100
85) sec-Butylbenzene	11.94	105	490932	53.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	445850	54.33	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239303	50.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	242575	49.15	ug/l	100
89) n-Butylbenzene	12.39	91	387343	52.29	ug/l	100
90) Hexachloroethane	12.60	117	73758	52.11	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	242905	50.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41373	51.41	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	179625	51.80	ug/l	99
94) Hexachlorobutadiene	13.79	225	87935	48.94	ug/l	99
95) Naphthalene	13.83	128	560426	55.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	185923	52.89	ug/l	99

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

