

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101718\
 Data File : VX005411.D
 Acq On : 18 Oct 2018 01:07
 Operator : JC/MD
 Sample : J5569-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-GW-9SMS

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:56 PM

Quant Time: Oct 19 02:31:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	235478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188771	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132740	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
35) Dibromofluoromethane	5.50	113	109830	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.71	98	409776	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	11.14	95	156721	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	88845	48.26	ug/l	97
3) Chloromethane	1.32	50	123238	46.19	ug/l	100
4) Vinyl Chloride	1.40	62	132087	48.88	ug/l	98
5) Bromomethane	1.64	94	73707	48.31	ug/l	98
6) Chloroethane	1.71	64	86992	55.03	ug/l	100
7) Trichlorofluoromethane	1.92	101	185027	51.30	ug/l	96
8) Diethyl Ether	2.19	74	91999	59.74	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107381	51.59	ug/l	96
10) Methyl Iodide	2.51	142	132766	57.76	ug/l	99
11) Tert butyl alcohol	3.08	59	188206	255.29	ug/l	100
12) 1,1-Dichloroethene	2.37	96	107483	52.12	ug/l	94
13) Acrolein	2.29	56	84490	178.99	ug/l	97
14) Allyl chloride	2.72	41	231319	51.09	ug/l	95
15) Acrylonitrile	3.15	53	435007	260.39	ug/l	98
16) Acetone	2.45	43	402926	266.65	ug/l #	86
17) Carbon Disulfide	2.56	76	292283	46.78	ug/l	99
18) Methyl Acetate	2.78	43	234772	54.61	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	406837	56.01	ug/l	98
20) Methylene Chloride	2.85	84	129077	58.86	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	115571	50.57	ug/l	97
22) Diisopropyl ether	3.87	45	390241	51.31	ug/l	96
23) Vinyl Acetate	3.82	43	1713718	257.80	ug/l	97
24) 1,1-Dichloroethane	3.70	63	234353	53.77	ug/l	98
25) 2-Butanone	4.70	43	555507	251.26	ug/l	95
26) 2,2-Dichloropropane	4.58	77	134797	41.35	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	125665	50.59	ug/l	98
28) Bromochloromethane	5.01	49	105346	53.02	ug/l	95
29) Tetrahydrofuran	5.15	42	364221	258.27	ug/l	94
30) Chloroform	5.21	83	211012	52.16	ug/l	99
31) Cyclohexane	5.57	56	173422	48.27	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	182397	51.81	ug/l	99
36) 1,1-Dichloropropene	5.80	75	151570	45.11	ug/l	99
37) Ethyl Acetate	4.85	43	200426	46.38	ug/l	98
38) Carbon Tetrachloride	5.78	117	158795	47.03	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171415	47.14	ug/l	97
40) Benzene	6.14	78	466479	46.28	ug/l	100
41) Methacrylonitrile	5.05	41	119300	51.50	ug/l	95
42) 1,2-Dichloroethane	6.20	62	169363	47.59	ug/l	97
43) Isopropyl Acetate	6.46	43	305442	53.06	ug/l	97
44) Trichloroethene	7.21	130	127709	49.62	ug/l	98
45) 1,2-Dichloropropane	7.52	63	127049	51.38	ug/l	99
46) Dibromomethane	7.66	93	82861	50.78	ug/l	98
47) Bromodichloromethane	7.90	83	161908	53.64	ug/l	99
48) Methyl methacrylate	7.77	41	159433	53.40	ug/l	95
49) 1,4-Dioxane	7.76	88	65332	948.78	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1086469	272.59	ug/l	95
52) Toluene	8.79	92	295725	53.63	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	176706	54.09	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	184847	52.22	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	126031	53.96	ug/l	96
56) Ethyl methacrylate	9.18	69	197498	58.00	ug/l	96
57) 1,3-Dichloropropane	9.37	76	208656	53.52	ug/l	100
59) 2-Hexanone	9.50	43	857546	267.47	ug/l	94
60) Dibromochloromethane	9.59	129	134390	55.66	ug/l	100
61) 1,2-Dibromoethane	9.67	107	130842	53.38	ug/l	100
64) Tetrachloroethene	9.34	164	123376	47.01	ug/l	98
65) Chlorobenzene	10.14	112	350040	50.48	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	127527	51.61	ug/l	99
67) Ethyl Benzene	10.25	91	580060	51.46	ug/l	97
68) m/p-Xylenes	10.36	106	449914	102.83	ug/l	95
69) o-Xylene	10.70	106	219801	52.09	ug/l	99
70) Styrene	10.71	104	372717	53.70	ug/l	98
71) Bromoform	10.86	173	114126	51.68	ug/l	99
73) Isopropylbenzene	11.02	105	597160	53.21	ug/l	99
74) N-amyl acetate	10.90	43	284939	52.64	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	211812	50.04	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	191946m	52.42	ug/l	
77) Bromobenzene	11.26	156	163384	50.92	ug/l	99
78) n-propylbenzene	11.36	91	676828	52.41	ug/l	100
79) 2-Chlorotoluene	11.42	91	400752	50.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	505742	52.63	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	56094	46.55	ug/l	98
82) 4-Chlorotoluene	11.51	91	479073	51.10	ug/l	100
83) tert-Butylbenzene	11.77	119	516055	53.03	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	525633	53.15	ug/l	99
85) sec-Butylbenzene	11.94	105	604503	52.49	ug/l	99
86) p-Isopropyltoluene	12.07	119	547518	52.60	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	302858	50.51	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	309377	50.44	ug/l	99
89) n-Butylbenzene	12.39	91	480168	50.81	ug/l	98
90) Hexachloroethane	12.60	117	91227	50.85	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	308970	50.50	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50358	48.77	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	236697	52.73	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	115894	48.88	ug/l	97
95) Naphthalene	13.83	128	719608	55.28	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	242056	52.70	ug/l	98

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

