

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX101718\
 Data File : VX005414.D
 Acq On : 18 Oct 2018 02:27
 Operator : JC/MD
 Sample : J5569-11MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-SW-5MSD

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:24:10 PM

Quant Time: Oct 19 03:10:02 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	265102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	351521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200366	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	135021	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
35) Dibromofluoromethane	5.51	113	124030	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	8.71	98	424552	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.14	95	160183	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	98799	47.67	ug/l	98
3) Chloromethane	1.32	50	134659	44.84	ug/l	100
4) Vinyl Chloride	1.41	62	142426	46.81	ug/l	99
5) Bromomethane	1.64	94	91741	53.35	ug/l	99
6) Chloroethane	1.71	64	88153	48.96	ug/l	99
7) Trichlorofluoromethane	1.92	101	198604	48.92	ug/l	94
8) Diethyl Ether	2.19	74	85969	49.58	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120861	51.57	ug/l	99
10) Methyl Iodide	2.51	142	149206	57.67	ug/l	99
11) Tert butyl alcohol	3.07	59	195592	235.67	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112669	48.53	ug/l	96
13) Acrolein	2.29	56	89698	168.66	ug/l	94
14) Allyl chloride	2.73	41	252999	49.63	ug/l	93
15) Acrylonitrile	3.15	53	455003	241.93	ug/l	98
16) Acetone	2.45	43	415363	244.16	ug/l	# 88
17) Carbon Disulfide	2.57	76	313140	44.52	ug/l	99
18) Methyl Acetate	2.78	43	238829	49.35	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	427402	52.27	ug/l	98
20) Methylene Chloride	2.85	84	133710	54.05	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	123753	48.09	ug/l	99
22) Diisopropyl ether	3.87	45	412006	48.12	ug/l	96
23) Vinyl Acetate	3.82	43	1783987	238.38	ug/l	96
24) 1,1-Dichloroethane	3.70	63	243895	49.70	ug/l	99
25) 2-Butanone	4.70	43	586980	235.83	ug/l	94
26) 2,2-Dichloropropane	4.59	77	139109	37.90	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	131487	47.02	ug/l	97
28) Bromochloromethane	5.02	49	113304	50.65	ug/l	95
29) Tetrahydrofuran	5.15	42	375696	236.63	ug/l	93
30) Chloroform	5.21	83	222648	48.88	ug/l	97
31) Cyclohexane	5.57	56	194389	48.06	ug/l	85
32) 1,1,1-Trichloroethane	5.49	97	193969	48.94	ug/l	99
36) 1,1-Dichloropropene	5.80	75	163655	44.58	ug/l	98
37) Ethyl Acetate	4.85	43	211021	44.70	ug/l	98
38) Carbon Tetrachloride	5.78	117	171545	46.51	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187464	47.19	ug/l	96
40) Benzene	6.14	78	493044	44.78	ug/l	100
41) Methacrylonitrile	5.06	41	117291	46.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	176773	45.47	ug/l	98
43) Isopropyl Acetate	6.46	43	315014	50.10	ug/l	97
44) Trichloroethene	7.21	130	136437	48.51	ug/l	95
45) 1,2-Dichloropropane	7.52	63	137402	50.87	ug/l	98
46) Dibromomethane	7.66	93	86250	48.38	ug/l	97
47) Bromodichloromethane	7.90	83	169090	51.28	ug/l	100
48) Methyl methacrylate	7.77	41	165953	50.88	ug/l	95
49) 1,4-Dioxane	7.75	88	66429	883.09	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1118652	256.92	ug/l	96
52) Toluene	8.79	92	311660	51.74	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	184439	51.68	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	192800	49.86	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	131999	51.73	ug/l	99
56) Ethyl methacrylate	9.18	69	205640	55.28	ug/l	96
57) 1,3-Dichloropropane	9.37	76	217906	51.17	ug/l	100
59) 2-Hexanone	9.50	43	881853	251.78	ug/l	95
60) Dibromochloromethane	9.58	129	140851	53.40	ug/l	99
61) 1,2-Dibromoethane	9.67	107	136150	50.84	ug/l	99
64) Tetrachloroethene	9.33	164	131962	46.63	ug/l	98
65) Chlorobenzene	10.14	112	358689	47.97	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	133746	50.19	ug/l	99
67) Ethyl Benzene	10.25	91	606686	49.91	ug/l	97
68) m/p-Xylenes	10.36	106	471878	100.02	ug/l	95
69) o-Xylene	10.70	106	230864	50.74	ug/l	98
70) Styrene	10.71	104	387525	51.78	ug/l	97
71) Bromoform	10.86	173	119296	50.10	ug/l	99
73) Isopropylbenzene	11.02	105	624950	52.47	ug/l	100
74) N-amyl acetate	10.90	43	287161	49.98	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	215886	48.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	199926m	51.44	ug/l	
77) Bromobenzene	11.26	156	170740	50.13	ug/l	99
78) n-propylbenzene	11.36	91	708626	51.70	ug/l	100
79) 2-Chlorotoluene	11.42	91	425710	50.71	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	533258	52.28	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	59229	46.31	ug/l	96
82) 4-Chlorotoluene	11.51	91	502352	50.48	ug/l	100
83) tert-Butylbenzene	11.77	119	541399	52.42	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	552952	52.68	ug/l	98
85) sec-Butylbenzene	11.94	105	639448	52.31	ug/l	99
86) p-Isopropyltoluene	12.07	119	580717	52.56	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318356	50.02	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	318598	48.94	ug/l	99
89) n-Butylbenzene	12.39	91	506999	50.54	ug/l	98
90) Hexachloroethane	12.60	117	95501	50.16	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	319240	49.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51624	47.10	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	247640	51.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	120739	47.98	ug/l	97
95) Naphthalene	13.83	128	750584	54.32	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	252740	51.84	ug/l	99

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

