

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005413.D
 Acq On : 18 Oct 2018 02:00
 Operator : JC/MD
 Sample : J5569-10MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-SW-5MS

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:24:05 PM

Quant Time: Oct 19 02:34:33 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	5.67	168	252575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	364105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	134278	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.50	113	111782	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.71	98	419210	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.14	95	159505	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	96317	48.77	ug/l	99
3) Chloromethane	1.32	50	131846	46.08	ug/l	99
4) Vinyl Chloride	1.40	62	136792	47.19	ug/l	98
5) Bromomethane	1.64	94	83961	51.27	ug/l	97
6) Chloroethane	1.71	64	86729	50.72	ug/l	97
7) Trichlorofluoromethane	1.92	101	192198	49.69	ug/l	95
8) Diethyl Ether	2.19	74	81886	49.57	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112964	50.60	ug/l	96
10) Methyl Iodide	2.51	142	139973	56.82	ug/l	100
11) Tert butyl alcohol	3.07	59	193460	244.66	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108145	48.89	ug/l	97
13) Acrolein	2.29	56	83571	164.89	ug/l	96
14) Allyl chloride	2.73	41	240412	49.50	ug/l	95
15) Acrylonitrile	3.15	53	433897	242.15	ug/l	98
16) Acetone	2.45	43	377479	232.90	ug/l	97
17) Carbon Disulfide	2.57	76	300784	44.88	ug/l	99
18) Methyl Acetate	2.78	43	229598	49.79	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	409839	52.60	ug/l	98
20) Methylene Chloride	2.85	84	126596	53.70	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	117205	47.81	ug/l	98
22) Diisopropyl ether	3.87	45	396363	48.59	ug/l	93
23) Vinyl Acetate	3.82	43	1681559	235.84	ug/l	97
24) 1,1-Dichloroethane	3.70	63	235062	50.28	ug/l	99
25) 2-Butanone	4.70	43	553822	233.54	ug/l	94
26) 2,2-Dichloropropane	4.58	77	134716	38.53	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	127373	47.81	ug/l	98
28) Bromochloromethane	5.01	49	104160	48.87	ug/l	97
29) Tetrahydrofuran	5.15	42	359190	237.46	ug/l	94
30) Chloroform	5.21	83	214058	49.33	ug/l	98
31) Cyclohexane	5.57	56	186304	48.35	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	186647	49.43	ug/l	99
36) 1,1-Dichloropropene	5.80	75	154605	43.84	ug/l	99
37) Ethyl Acetate	4.85	43	201344	44.40	ug/l	98
38) Carbon Tetrachloride	5.78	117	166829	47.08	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	179265	46.97	ug/l	97
40) Benzene	6.14	78	478270	45.21	ug/l	100
41) Methacrylonitrile	5.06	41	112884	46.43	ug/l	97
42) 1,2-Dichloroethane	6.20	62	175786	47.06	ug/l	98
43) Isopropyl Acetate	6.46	43	309927	51.30	ug/l	97
44) Trichloroethene	7.21	130	131232	48.57	ug/l	96
45) 1,2-Dichloropropane	7.52	63	130043	50.12	ug/l	100
46) Dibromomethane	7.66	93	82701	48.29	ug/l	98
47) Bromodichloromethane	7.90	83	161876	51.10	ug/l	99
48) Methyl methacrylate	7.77	41	159575	50.93	ug/l	95
49) 1,4-Dioxane	7.75	88	64296	889.72	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1074086	256.78	ug/l	96
52) Toluene	8.79	92	301367	52.07	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	176255	51.41	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	186936	50.32	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	125850	51.34	ug/l	96
56) Ethyl methacrylate	9.18	69	197988	55.41	ug/l	97
57) 1,3-Dichloropropane	9.37	76	209930	51.31	ug/l	99
59) 2-Hexanone	9.50	43	841666	250.14	ug/l	95
60) Dibromochloromethane	9.59	129	136337	53.81	ug/l	100
61) 1,2-Dibromoethane	9.67	107	130997	50.92	ug/l	99
64) Tetrachloroethene	9.34	164	128689	46.49	ug/l	99
65) Chlorobenzene	10.14	112	346314	47.35	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	128346	49.24	ug/l	98
67) Ethyl Benzene	10.25	91	585025	49.20	ug/l	98
68) m/p-Xylenes	10.36	106	456792	98.98	ug/l	96
69) o-Xylene	10.70	106	221013	49.65	ug/l	97
70) Styrene	10.71	104	370169	50.56	ug/l	97
71) Bromoform	10.86	173	115333	49.51	ug/l	99
73) Isopropylbenzene	11.02	105	600483	51.99	ug/l	100
74) N-amyl acetate	10.90	43	275727	49.50	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	208847	47.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	193451m	51.33	ug/l	
77) Bromobenzene	11.26	156	164277	49.74	ug/l	99
78) n-propylbenzene	11.36	91	685615	51.58	ug/l	100
79) 2-Chlorotoluene	11.42	91	410104	50.38	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	515505	52.12	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	56450	45.51	ug/l	97
82) 4-Chlorotoluene	11.51	91	488416	50.62	ug/l	99
83) tert-Butylbenzene	11.77	119	522500	52.17	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	528053	51.88	ug/l	98
85) sec-Butylbenzene	11.94	105	612337	51.66	ug/l	99
86) p-Isopropyltoluene	12.07	119	562627	52.52	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	303761	49.22	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	307017	48.63	ug/l	99
89) n-Butylbenzene	12.39	91	486070	49.97	ug/l	98
90) Hexachloroethane	12.60	117	91397	49.50	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	308353	48.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50253	47.28	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	237830	51.48	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	117424	48.12	ug/l	98
95) Naphthalene	13.83	128	720422	53.77	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	242669	51.33	ug/l	99

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

