

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005412.D
 Acq On : 18 Oct 2018 01:34
 Operator : JC/MD
 Sample : J5569-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RLF-GW-9SMSD

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:24:00 PM

Quant Time: Oct 19 02:32:51 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	235959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186058	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130613	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.50	113	109371	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
50) Toluene-d8	8.71	98	397920	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.14	95	148635	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	83473	45.25	ug/l	97
3) Chloromethane	1.32	50	124630	46.62	ug/l	99
4) Vinyl Chloride	1.41	62	137844	50.90	ug/l	91
5) Bromomethane	1.64	94	80540	52.63	ug/l	99
6) Chloroethane	1.71	64	84884	53.42	ug/l	95
7) Trichlorofluoromethane	1.92	101	175920	48.68	ug/l	96
8) Diethyl Ether	2.19	74	94011	60.92	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97891	46.93	ug/l	94
10) Methyl Iodide	2.51	142	139187	60.32	ug/l	100
11) Tert butyl alcohol	3.07	59	194778	263.67	ug/l	99
12) 1,1-Dichloroethene	2.37	96	110353	53.40	ug/l	98
13) Acrolein	2.29	56	85222	180.18	ug/l	97
14) Allyl chloride	2.73	41	230077	50.71	ug/l	95
15) Acrylonitrile	3.15	53	439466	262.53	ug/l	97
16) Acetone	2.45	43	383315	253.16	ug/l	97
17) Carbon Disulfide	2.57	76	290028	46.33	ug/l	99
18) Methyl Acetate	2.78	43	233183	54.13	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	411090	56.48	ug/l	96
20) Methylene Chloride	2.85	84	126899	57.72	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	115467	50.42	ug/l	98
22) Diisopropyl ether	3.87	45	395622	51.91	ug/l	91
23) Vinyl Acetate	3.82	43	1724083	258.83	ug/l	96
24) 1,1-Dichloroethane	3.70	63	231811	53.07	ug/l	98
25) 2-Butanone	4.70	43	571727	258.07	ug/l	96
26) 2,2-Dichloropropane	4.58	77	132612	40.60	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	125964	50.61	ug/l	99
28) Bromochloromethane	5.02	49	100827	50.64	ug/l	96
29) Tetrahydrofuran	5.15	42	376881	266.70	ug/l	93
30) Chloroform	5.21	83	212142	52.33	ug/l	98
31) Cyclohexane	5.57	56	159409	44.28	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	178942	50.73	ug/l	98
36) 1,1-Dichloropropene	5.80	75	145212	43.29	ug/l	100
37) Ethyl Acetate	4.85	43	198404	45.99	ug/l	98
38) Carbon Tetrachloride	5.78	117	153582	45.56	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	154502	42.55	ug/l	97
40) Benzene	6.14	78	461907	45.90	ug/l	99
41) Methacrylonitrile	5.06	41	114831	49.65	ug/l	97
42) 1,2-Dichloroethane	6.20	62	171602	48.29	ug/l	96
43) Isopropyl Acetate	6.46	43	321731	55.98	ug/l	96
44) Trichloroethene	7.21	130	124096	48.27	ug/l	95
45) 1,2-Dichloropropane	7.51	63	127431	51.62	ug/l	98
46) Dibromomethane	7.66	93	84302	51.74	ug/l	98
47) Bromodichloromethane	7.90	83	161395	53.56	ug/l	99
48) Methyl methacrylate	7.77	41	162265	54.44	ug/l	95
49) 1,4-Dioxane	7.75	88	65961	959.47	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1096126	275.46	ug/l	97
52) Toluene	8.79	92	289474	52.58	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	175453	53.80	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	185271	52.43	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127606	54.72	ug/l	96
56) Ethyl methacrylate	9.18	69	198024	58.25	ug/l	96
57) 1,3-Dichloropropane	9.37	76	209613	53.86	ug/l	99
59) 2-Hexanone	9.49	43	867302	270.96	ug/l	94
60) Dibromochloromethane	9.59	129	134510	55.80	ug/l	100
61) 1,2-Dibromoethane	9.67	107	131677	53.81	ug/l	99
64) Tetrachloroethene	9.34	164	116159	44.63	ug/l	99
65) Chlorobenzene	10.14	112	338555	49.23	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	126144	51.48	ug/l	98
67) Ethyl Benzene	10.25	91	552761	49.45	ug/l	98
68) m/p-Xylenes	10.36	106	432087	99.58	ug/l	96
69) o-Xylene	10.70	106	212777	50.85	ug/l	97
70) Styrene	10.71	104	360089	52.32	ug/l	98
71) Bromoform	10.86	173	115032	52.53	ug/l	99
73) Isopropylbenzene	11.02	105	564329	51.02	ug/l	100
74) N-amyl acetate	10.90	43	274930	51.54	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	212122	50.84	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	194261m	53.83	ug/l	
77) Bromobenzene	11.26	156	158804	50.21	ug/l	99
78) n-propylbenzene	11.36	91	641365	50.39	ug/l	100
79) 2-Chlorotoluene	11.42	91	389177	49.93	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	485758	51.29	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	56454	47.53	ug/l	97
82) 4-Chlorotoluene	11.51	91	459286	49.70	ug/l	100
83) tert-Butylbenzene	11.77	119	493495	51.45	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	504821	51.79	ug/l	98
85) sec-Butylbenzene	11.94	105	569702	50.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	522245	50.90	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	291545	49.33	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	298213	49.33	ug/l	99
89) n-Butylbenzene	12.39	91	451128	48.43	ug/l	98
90) Hexachloroethane	12.60	117	85657	48.45	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	299760	49.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51089	50.20	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	229535	51.88	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	106377	45.52	ug/l	96
95) Naphthalene	13.83	128	716196	55.82	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	236731	52.29	ug/l	99

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

