

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005393.D
 Acq On : 17 Oct 2018 16:15
 Operator : JC/MD
 Sample : J5571-03MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MS

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:27 PM

Quant Time: Oct 17 17:56:05 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	256980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	379080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201368	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143543	50.33	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	5.50	113	115532	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
50) Toluene-d8	8.72	98	428683	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.14	95	164413	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	98977	49.26	ug/l	97
3) Chloromethane	1.32	50	134773	46.29	ug/l	100
4) Vinyl Chloride	1.40	62	141022	47.82	ug/l	97
5) Bromomethane	1.64	94	80521	48.36	ug/l	98
6) Chloroethane	1.71	64	90116	51.92	ug/l	98
7) Trichlorofluoromethane	1.92	101	201847	51.29	ug/l	95
8) Diethyl Ether	2.19	74	86557	51.50	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122202	53.79	ug/l	98
10) Methyl Iodide	2.51	142	146053	58.21	ug/l	99
11) Tert butyl alcohol	3.08	59	274077	340.67	ug/l	100
12) 1,1-Dichloroethene	2.37	96	113052	50.23	ug/l	98
13) Acrolein	2.29	56	98398	191.16	ug/l	95
14) Allyl chloride	2.73	41	256326	51.87	ug/l	94
15) Acrylonitrile	3.15	53	515529	282.77	ug/l	98
16) Acetone	2.45	43	478000	289.87	ug/l	97
17) Carbon Disulfide	2.57	76	313587	45.99	ug/l	99
18) Methyl Acetate	2.78	43	273782	58.36	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	446606	56.34	ug/l	97
20) Methylene Chloride	2.85	84	131842	55.00	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	126006	50.52	ug/l	83
22) Diisopropyl ether	3.87	45	411299	49.55	ug/l	95
23) Vinyl Acetate	3.82	43	1852489	255.36	ug/l	99
24) 1,1-Dichloroethane	3.70	63	243850	51.26	ug/l	99
25) 2-Butanone	4.70	43	697957	289.28	ug/l	95
26) 2,2-Dichloropropane	4.58	77	176657	49.66	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	133143	49.12	ug/l	97
28) Bromochloromethane	5.03	49	108988	50.26	ug/l	95
29) Tetrahydrofuran	5.15	42	446416	290.06	ug/l	94
30) Chloroform	5.21	83	222114	50.31	ug/l	100
31) Cyclohexane	5.57	56	197209	50.30	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	193683	50.42	ug/l	99
36) 1,1-Dichloropropene	5.79	75	163048	44.41	ug/l	99
37) Ethyl Acetate	4.86	43	232432	49.23	ug/l	98
38) Carbon Tetrachloride	5.78	117	170352	46.18	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203576	51.23	ug/l	96
40) Benzene	6.14	78	519215	47.14	ug/l	100
41) Methacrylonitrile	5.06	41	128569	50.79	ug/l	96
42) 1,2-Dichloroethane	6.20	62	181142	46.58	ug/l	98
43) Isopropyl Acetate	6.46	43	348597	55.43	ug/l	98
44) Trichloroethene	7.21	130	135441	48.14	ug/l	99
45) 1,2-Dichloropropane	7.52	63	134740	49.87	ug/l	100
46) Dibromomethane	7.66	93	87131	48.87	ug/l	98
47) Bromodichloromethane	7.90	83	167774	50.87	ug/l	98
48) Methyl methacrylate	7.77	41	179755	55.11	ug/l	95
49) 1,4-Dioxane	7.76	88	88401	1174.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1303437	299.30	ug/l	96
52) Toluene	8.79	92	318154	52.80	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	193574	54.23	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	204878	52.98	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	131881	51.68	ug/l	99
56) Ethyl methacrylate	9.18	69	218481	58.73	ug/l	96
57) 1,3-Dichloropropane	9.37	76	221520	52.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1245	0.60	ug/l #	45
59) 2-Hexanone	9.50	43	1084889	309.69	ug/l	94
60) Dibromochloromethane	9.59	129	141591	53.67	ug/l	100
61) 1,2-Dibromoethane	9.67	107	138682	51.78	ug/l	100
64) Tetrachloroethene	9.34	164	129594	45.91	ug/l	99
65) Chlorobenzene	10.14	112	363273	48.70	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	133544	50.24	ug/l	99
67) Ethyl Benzene	10.26	91	622113	51.31	ug/l	99
68) m/p-Xylenes	10.36	106	483094	102.65	ug/l	96
69) o-Xylene	10.70	106	236577	52.12	ug/l	97
70) Styrene	10.71	104	389475	52.17	ug/l	97
71) Bromoform	10.86	173	123084	51.82	ug/l #	99
73) Isopropylbenzene	11.02	105	698528	58.35	ug/l	100
74) N-amyl acetate	10.90	43	320095	55.44	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	228592	50.62	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	246272m	63.05	ug/l	
77) Bromobenzene	11.26	156	173342	50.64	ug/l	98
78) n-propylbenzene	11.36	91	875035	63.52	ug/l	100
79) 2-Chlorotoluene	11.42	91	428779	50.82	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	542228	52.89	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	69637	54.17	ug/l	95
82) 4-Chlorotoluene	11.51	91	508789	50.88	ug/l	99
83) tert-Butylbenzene	11.77	119	562262	54.16	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	566586	53.71	ug/l	97
85) sec-Butylbenzene	11.94	105	736448	59.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	607059	54.67	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	322425	50.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	326055	49.83	ug/l	99
89) n-Butylbenzene	12.39	91	580753	57.61	ug/l	97
90) Hexachloroethane	12.60	117	96472	50.41	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	325057	49.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65130	59.13	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262772	54.88	ug/l	97
94) Hexachlorobutadiene	13.79	225	128476	50.80	ug/l	97
95) Naphthalene	13.83	128	996232	71.74	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	264751	54.04	ug/l	98

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

