

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005394.D
 Acq On : 17 Oct 2018 16:42
 Operator : JC/MD
 Sample : J5571-04MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1MSD

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:32 PM

Quant Time: Oct 17 17:57:54 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	268891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	367214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206313	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	149952	50.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	5.50	113	119163	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
50) Toluene-d8	8.71	98	452116	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.14	95	172378	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	99637	47.39	ug/l	98
3) Chloromethane	1.32	50	135668	44.53	ug/l	99
4) Vinyl Chloride	1.40	62	145467	47.14	ug/l	98
5) Bromomethane	1.64	94	87442	50.17	ug/l	97
6) Chloroethane	1.71	64	89678	49.12	ug/l	98
7) Trichlorofluoromethane	1.92	101	206514	50.15	ug/l	97
8) Diethyl Ether	2.19	74	88778	50.48	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123824	52.09	ug/l	97
10) Methyl Iodide	2.51	142	152538	58.10	ug/l	100
11) Tert butyl alcohol	3.07	59	285483	339.13	ug/l	100
12) 1,1-Dichloroethene	2.37	96	117138	49.74	ug/l	98
13) Acrolein	2.29	56	102775	190.81	ug/l	98
14) Allyl chloride	2.73	41	268438	51.92	ug/l	93
15) Acrylonitrile	3.15	53	537760	281.90	ug/l	99
16) Acetone	2.45	43	475998	275.87	ug/l	98
17) Carbon Disulfide	2.57	76	330798	46.37	ug/l	99
18) Methyl Acetate	2.78	43	282156	57.48	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	471674	56.87	ug/l	96
20) Methylene Chloride	2.85	84	139600	55.67	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	127250	48.76	ug/l	99
22) Diisopropyl ether	3.87	45	430594	49.58	ug/l	97
23) Vinyl Acetate	3.82	43	1908049	251.37	ug/l	98
24) 1,1-Dichloroethane	3.70	63	251841	50.60	ug/l	98
25) 2-Butanone	4.70	43	730795	289.47	ug/l	95
26) 2,2-Dichloropropane	4.58	77	183427	49.28	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	140662	49.59	ug/l	97
28) Bromochloromethane	5.02	49	111137	48.98	ug/l	97
29) Tetrahydrofuran	5.15	42	508313	315.65	ug/l	92
30) Chloroform	5.21	83	243132	52.63	ug/l	85
31) Cyclohexane	5.57	56	205842	50.18	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	202384	50.35	ug/l	99
36) 1,1-Dichloropropene	5.80	75	173107	45.28	ug/l	99
37) Ethyl Acetate	4.85	43	245279	49.89	ug/l	99
38) Carbon Tetrachloride	5.78	117	178226	46.39	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	210662	50.91	ug/l	96
40) Benzene	6.14	78	543338	47.37	ug/l	98
41) Methacrylonitrile	5.06	41	140243	53.20	ug/l	97
42) 1,2-Dichloroethane	6.20	62	186392	46.03	ug/l	99
43) Isopropyl Acetate	6.46	43	389166	59.42	ug/l	97
44) Trichloroethene	7.21	130	144230	49.24	ug/l	97
45) 1,2-Dichloropropane	7.52	63	145160	51.60	ug/l	94
46) Dibromomethane	7.66	93	91502	49.28	ug/l	99
47) Bromodichloromethane	7.90	83	174859	50.91	ug/l	99
48) Methyl methacrylate	7.77	41	189218	55.70	ug/l	94
49) 1,4-Dioxane	7.75	88	93590	1194.51	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1354513	298.68	ug/l	97
52) Toluene	8.79	92	329516	52.52	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	202976	54.61	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	214129	53.17	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	137510	51.74	ug/l	98
56) Ethyl methacrylate	9.18	69	229106	59.14	ug/l	96
57) 1,3-Dichloropropane	9.37	76	232478	52.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	1801	0.83	ug/l #	45
59) 2-Hexanone	9.50	43	1126923	308.91	ug/l	96
60) Dibromochloromethane	9.59	129	146767	53.43	ug/l	100
61) 1,2-Dibromoethane	9.67	107	145885	52.31	ug/l	99
64) Tetrachloroethene	9.34	164	135033	45.68	ug/l	98
65) Chlorobenzene	10.14	112	380033	48.65	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	139109	49.98	ug/l	100
67) Ethyl Benzene	10.25	91	648485	51.07	ug/l	97
68) m/p-Xylenes	10.36	106	501094	101.67	ug/l	96
69) o-Xylene	10.70	106	245297	51.61	ug/l	97
70) Styrene	10.71	104	401808	51.39	ug/l	97
71) Bromoform	10.86	173	127264	51.16	ug/l	99
73) Isopropylbenzene	11.02	105	724825	59.10	ug/l	100
74) N-amyl acetate	10.90	43	333585	56.39	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	237505	51.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	250623m	62.63	ug/l	
77) Bromobenzene	11.26	156	181163	51.66	ug/l	98
78) n-propylbenzene	11.36	91	895953	63.48	ug/l	99
79) 2-Chlorotoluene	11.42	91	443708	51.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	560812	53.40	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	71951	54.63	ug/l	94
82) 4-Chlorotoluene	11.51	91	530497	51.77	ug/l	100
83) tert-Butylbenzene	11.77	119	585942	55.09	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	584060	54.04	ug/l	98
85) sec-Butylbenzene	11.94	105	754139	59.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	628418	55.24	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	331353	50.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	336056	50.13	ug/l	99
89) n-Butylbenzene	12.39	91	595999	57.70	ug/l	97
90) Hexachloroethane	12.60	117	101241	51.64	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	333506	49.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	66431	58.86	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	270714	55.18	ug/l	97
94) Hexachlorobutadiene	13.79	225	132066	50.97	ug/l	97
95) Naphthalene	13.83	128	983067	69.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	271063	54.00	ug/l	98

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

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