

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042419\
 Data File : VX009144.D
 Acq On : 24 Apr 2019 14:47
 Operator : JC/SP
 Sample : K2535-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S37-0016MSD

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 12:34:31 PM

Quant Time: Apr 25 06:57:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130972	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
35) Dibromofluoromethane	5.50	113	98720	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	8.71	98	380114	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.13	95	134168	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	118552	58.231	ug/l	99
3) Chloromethane	1.32	50	138254	55.314	ug/l	98
4) Vinyl Chloride	1.41	62	137519	56.529	ug/l	98
5) Bromomethane	1.64	94	82708	53.962	ug/l	97
6) Chloroethane	1.71	64	82176	57.445	ug/l	98
7) Trichlorofluoromethane	1.92	101	167010	58.800	ug/l	100
8) Diethyl Ether	2.19	74	75302	57.972	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105358	58.016	ug/l	98
10) Methyl Iodide	2.51	142	110867	55.321	ug/l	99
11) Tert butyl alcohol	3.06	59	166090	300.378	ug/l	98
12) 1,1-Dichloroethene	2.37	96	107428	56.675	ug/l	97
13) Acrolein	2.29	56	102129	213.767	ug/l	100
14) Allyl chloride	2.73	41	251018	60.699	ug/l	99
15) Acrylonitrile	3.15	53	423796	301.930	ug/l	100
16) Acetone	2.45	43	357860	277.029	ug/l	99
17) Carbon Disulfide	2.57	76	306433	54.888	ug/l	99
18) Methyl Acetate	2.78	43	187877	58.275	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	397576	58.866	ug/l	99
20) Methylene Chloride	2.85	84	121235	54.880	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	112683	55.734	ug/l	99
22) Diisopropyl ether	3.86	45	482169	60.002	ug/l	89
23) Vinyl Acetate	3.82	43	2099060	297.156	ug/l	99
24) 1,1-Dichloroethane	3.70	63	236817	58.707	ug/l	99
25) 2-Butanone	4.68	43	622254	301.359	ug/l	97
26) 2,2-Dichloropropane	4.59	77	167214	55.300	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	132090	57.544	ug/l	99
28) Bromochloromethane	5.02	49	92949	55.695	ug/l	99
29) Tetrahydrofuran	5.13	42	419906	303.834	ug/l	98
30) Chloroform	5.21	83	212326	58.821	ug/l	99
31) Cyclohexane	5.58	56	234567	59.122	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	176412	58.966	ug/l	99
36) 1,1-Dichloropropene	5.80	75	164876	54.744	ug/l	99
37) Ethyl Acetate	4.84	43	226496	58.444	ug/l	100
38) Carbon Tetrachloride	5.78	117	148401	58.122	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218181	59.500	ug/l	98
40) Benzene	6.14	78	507246	57.091	ug/l	99
41) Methacrylonitrile	5.04	41	133195	59.884	ug/l	99
42) 1,2-Dichloroethane	6.19	62	181265	57.593	ug/l	99
43) Isopropyl Acetate	6.45	43	363779	58.249	ug/l	100
44) Trichloroethene	7.21	130	118942	54.637	ug/l	99
45) 1,2-Dichloropropane	7.51	63	143185	58.090	ug/l	100
46) Dibromomethane	7.66	93	83142	57.959	ug/l	99
47) Bromodichloromethane	7.90	83	165861	58.950	ug/l	100
48) Methyl methacrylate	7.77	41	184806	59.888	ug/l	99
49) 1,4-Dioxane	7.74	88	58366	1010.537	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1189105	298.867	ug/l	99
52) Toluene	8.79	92	298984	56.149	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	190116	58.713	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	209921	57.898	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	123217	58.386	ug/l	99
56) Ethyl methacrylate	9.18	69	221796	58.612	ug/l	99
57) 1,3-Dichloropropane	9.37	76	216334	57.573	ug/l	100
59) 2-Hexanone	9.49	43	910315	296.762	ug/l	99
60) Dibromochloromethane	9.59	129	121901	60.269	ug/l	99
61) 1,2-Dibromoethane	9.67	107	124816	57.305	ug/l	98
64) Tetrachloroethene	9.34	164	99600	51.408	ug/l	99
65) Chlorobenzene	10.14	112	300782	55.875	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	111443	58.766	ug/l	100
67) Ethyl Benzene	10.25	91	562067	57.117	ug/l	99
68) m/p-Xylenes	10.36	106	405043	113.257	ug/l	98
69) o-Xylene	10.70	106	198920	57.164	ug/l	100
70) Styrene	10.71	104	347305	57.594	ug/l	99
71) Bromoform	10.85	173	90940	60.192	ug/l #	100
73) Isopropylbenzene	11.02	105	527812	57.447	ug/l	100
74) N-amyl acetate	10.90	43	304464	57.714	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	195205	58.148	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	169237m	57.179	ug/l	
77) Bromobenzene	11.26	156	128287	55.340	ug/l	99
78) n-propylbenzene	11.36	91	615798	58.394	ug/l	100
79) 2-Chlorotoluene	11.42	91	356755	56.140	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	447687	58.066	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67080	58.184	ug/l	98
82) 4-Chlorotoluene	11.51	91	416877	56.485	ug/l	100
83) tert-Butylbenzene	11.77	119	427313	57.727	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	447257	56.989	ug/l	100
85) sec-Butylbenzene	11.94	105	514458	58.273	ug/l	100
86) p-Isopropyltoluene	12.06	119	465732	57.379	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	223305	55.038	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	224148	54.499	ug/l	100
89) n-Butylbenzene	12.38	91	432753	57.249	ug/l	100
90) Hexachloroethane	12.60	117	79645	59.486	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	227339	56.743	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44587	58.334	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	161759	55.931	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	80234	55.623	ug/l	100
95) Naphthalene	13.83	128	539317	58.205	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	160206	56.142	ug/l	99

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

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