

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009230.D
 Acq On : 30 Apr 2019 00:09
 Operator : JC/SP
 Sample : K2594-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW038-190423MSD

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:04:05 AM

Quant Time: Apr 30 09:18:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	185163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135285	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127615	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.50	113	95622	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.71	98	382056	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	140131	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80041	46.909	ug/l	99
3) Chloromethane	1.32	50	113540	48.739	ug/l	99
4) Vinyl Chloride	1.41	62	116903	51.463	ug/l	99
5) Bromomethane	1.64	94	65960	48.378	ug/l	95
6) Chloroethane	1.71	64	70070	48.044	ug/l	100
7) Trichlorofluoromethane	1.92	101	133541	48.362	ug/l	98
8) Diethyl Ether	2.19	74	63993	48.926	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79195	45.672	ug/l	99
10) Methyl Iodide	2.51	142	97509	48.546	ug/l	100
11) Tert butyl alcohol	3.05	59	139149	237.821	ug/l	100
12) 1,1-Dichloroethene	2.37	96	86943	50.043	ug/l	96
13) Acrolein	2.29	56	120478	227.366	ug/l	100
14) Allyl chloride	2.73	41	203483	48.060	ug/l	100
15) Acrylonitrile	3.14	53	358426	250.540	ug/l	100
16) Acetone	2.45	43	298002	219.559	ug/l	99
17) Carbon Disulfide	2.57	76	246166	50.467	ug/l	99
18) Methyl Acetate	2.77	43	154700	47.926	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	341206	50.574	ug/l	99
20) Methylene Chloride	2.85	84	105052	47.803	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	94783	50.305	ug/l	98
22) Diisopropyl ether	3.85	45	412587	50.671	ug/l	99
23) Vinyl Acetate	3.81	43	1760305	252.466	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200946	50.027	ug/l	100
25) 2-Butanone	4.67	43	520245	246.660	ug/l	100
26) 2,2-Dichloropropane	4.58	77	117815	39.405	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	118653	52.759	ug/l	97
28) Bromochloromethane	5.01	49	82186	50.876	ug/l	99
29) Tetrahydrofuran	5.13	42	348668	256.896	ug/l	100
30) Chloroform	5.21	83	181612	49.991	ug/l	99
31) Cyclohexane	5.57	56	181832	48.657	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	149722	49.508	ug/l	99
36) 1,1-Dichloropropene	5.80	75	137866	48.291	ug/l	98
37) Ethyl Acetate	4.84	43	192573	48.413	ug/l	99
38) Carbon Tetrachloride	5.79	117	124384	47.953	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157634	44.960	ug/l	99
40) Benzene	6.14	78	428531	48.501	ug/l	99
41) Methacrylonitrile	5.04	41	111757	47.198	ug/l	97
42) 1,2-Dichloroethane	6.19	62	154447	48.730	ug/l	100
43) Isopropyl Acetate	6.45	43	312254	49.076	ug/l	100
44) Trichloroethene	7.21	130	100447	47.026	ug/l	100
45) 1,2-Dichloropropane	7.51	63	122108	48.807	ug/l	99
46) Dibromomethane	7.66	93	69795	48.040	ug/l	100
47) Bromodichloromethane	7.90	83	142607	49.208	ug/l	99
48) Methyl methacrylate	7.77	41	159947	50.670	ug/l	99
49) 1,4-Dioxane	7.74	88	52955	827.210	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1035932	249.098	ug/l	100
52) Toluene	8.79	92	257938	48.026	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	159707	48.811	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	174844	48.279	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106591	48.646	ug/l	97
56) Ethyl methacrylate	9.18	69	194160	49.640	ug/l	99
57) 1,3-Dichloropropane	9.37	76	187027	48.504	ug/l	100
59) 2-Hexanone	9.49	43	804658	246.357	ug/l	100
60) Dibromochloromethane	9.58	129	106510	49.769	ug/l	99
61) 1,2-Dibromoethane	9.67	107	108811	49.195	ug/l	100
64) Tetrachloroethene	9.34	164	85663	44.554	ug/l	99
65) Chlorobenzene	10.13	112	279900	49.919	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98068	48.243	ug/l	100
67) Ethyl Benzene	10.25	91	491722	47.652	ug/l	99
68) m/p-Xylenes	10.36	106	362154	96.039	ug/l	99
69) o-Xylene	10.69	106	179325	48.198	ug/l	100
70) Stvrene	10.71	104	314089	48.571	ug/l	99
71) Bromoform	10.85	173	80910	48.979	ug/l #	99
73) Isopropylbenzene	11.02	105	471511	47.929	ug/l	100
74) N-amyl acetate	10.90	43	279981	48.815	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	179131	48.844	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	153898m	49.041	ug/l	
77) Bromobenzene	11.26	156	116964	47.901	ug/l	100
78) n-propylbenzene	11.36	91	540107	48.073	ug/l	100
79) 2-Chlorotoluene	11.42	91	325715	46.990	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	397331	47.967	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56855	46.356	ug/l	99
82) 4-Chlorotoluene	11.51	91	371485	47.440	ug/l	100
83) tert-Butylbenzene	11.77	119	385540	47.845	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	401861	48.333	ug/l	100
85) sec-Butylbenzene	11.94	105	452849	47.402	ug/l	100
86) p-Isopropyltoluene	12.06	119	408027	47.508	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205496	47.209	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	209245	47.680	ug/l	100
89) n-Butylbenzene	12.38	91	366186	47.173	ug/l	100
90) Hexachloroethane	12.60	117	71239	48.687	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	211721	47.754	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42292	51.406	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	150518	49.645	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	71502	46.182	ug/l	99
95) Naphthalene	13.83	128	505391	51.236	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	151293	49.228	ug/l	98

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

