

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008780.D
 Acq On : 21 Feb 2019 19:57
 Operator : SY/VA
 Sample : K1546-07
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200030

Quant Time: Feb 22 00:49:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.03	168	35	50.00	ug/l	0.08
34) 1,4-Difluorobenzene	9.07	114	57	50.00	ug/l	0.23
63) Chlorobenzene-d5	12.00	117	19	50.00	ug/l	0.37
72) 1,4-Dichlorobenzene-d4	13.60	152	48	50.00	ug/l	0.04

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.35	65	57	173.64	ug/l	0.05
Spiked Amount	50.000		Recovery	=	347.28%	
35) Dibromofluoromethane	7.91	113	46	134.41	ug/l	0.03
Spiked Amount	50.000		Recovery	=	268.82%	
50) Toluene-d8	10.74	98	58	43.90	ug/l	0.42
Spiked Amount	50.000		Recovery	=	87.80%	
62) 4-Bromofluorobenzene	12.90	95	75	144.99	ug/l	0.28
Spiked Amount	50.000		Recovery	=	289.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.96	85	40	114.106	ug/l #	42
3) Chloromethane	2.26	50	104	243.721	ug/l #	42
4) Vinyl Chloride	2.37	62	50	110.669	ug/l #	1
5) Bromomethane	2.99	94	75	223.497	ug/l	83
6) Chloroethane	2.92	64	258	804.186	ug/l #	43
8) Diethyl Ether	3.82	74	25	138.195	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	4.07	101	24	69.165	ug/l #	16
10) Methyl Iodide	4.26	142	31	71.443	ug/l #	40
11) Tert butyl alcohol	5.21	59	31	1060.748	ug/l #	70
12) 1,1-Dichloroethene	4.09	96	25	81.580	ug/l #	1
13) Acrolein	3.93	56	210	6293.292	ug/l #	45
14) Allyl chloride	4.71	41	139	262.809	ug/l #	66
15) Acrylonitrile	5.44	53	48	618.255	ug/l #	72
16) Acetone	4.17	43	300	3942.703	ug/l #	45
17) Carbon Disulfide	4.49	76	25	24.588	ug/l #	73
18) Methyl Acetate	4.71	43	203	1124.794	ug/l #	51
19) Methyl tert-butyl Ether	5.46	73	59	71.131	ug/l #	55
20) Methylene Chloride	4.96	84	91	264.718	ug/l #	3
21) trans-1,2-Dichloroethene	5.48	96	54	152.336	ug/l #	1
22) Diisopropyl ether	6.35	45	134	127.006	ug/l #	48
23) Vinyl Acetate	6.33	43	81	124.256	ug/l #	73
24) 1,1-Dichloroethane	6.28	63	34	55.611	ug/l #	82
25) 2-Butanone	7.23	43	94	883.635	ug/l #	1
26) 2,2-Dichloropropane	7.14	77	87	156.739	ug/l #	54
27) cis-1,2-Dichloroethene	7.24	96	20	52.745	ug/l #	1
28) Bromochloromethane	7.56	49	53	207.157	ug/l #	11
29) Tetrahydrofuran	7.60	42	109	1607.856	ug/l #	35
30) Chloroform	7.76	83	21	33.482	ug/l #	17
31) Cyclohexane	8.04	56	176	284.391	ug/l #	54
32) 1,1,1-Trichloroethane	8.02	97	70	122.724	ug/l #	24
36) 1,1-Dichloropropene	8.29	75	23	41.452	ug/l #	1
37) Ethyl Acetate	7.43	43	128	496.082	ug/l #	70
38) Carbon Tetrachloride	8.27	117	24	41.015	ug/l #	12
39) Methylcyclohexane	9.59	83	63	91.029	ug/l #	18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.48	78	25	16.502	ug/l #	51
41) Methacrylonitrile	7.69	41	134	883.513	ug/l #	57
42) 1,2-Dichloroethane	8.55	62	75	156.283	ug/l #	75
43) Isopropyl Acetate	8.64	43	213	413.621	ug/l #	52
44) Trichloroethene	9.31	130	38	89.041	ug/l #	3
45) 1,2-Dichloropropane	9.69	63	37	98.835	ug/l #	53
46) Dibromomethane	9.50	93	72	345.764	ug/l #	1
47) Bromodichloromethane	9.84	83	49	96.716	ug/l #	24
48) Methyl methacrylate	9.67	41	44	178.400	ug/l #	1
49) 1,4-Dioxane	9.57	88	70	20991.474	ug/l #	26
51) 4-Methyl-2-Pentanone	10.48	43	27	103.272	ug/l #	38
52) Toluene	10.65	92	57	55.439	ug/l #	1
53) t-1,3-Dichloropropene	10.93	75	53	102.634	ug/l #	42
54) cis-1,3-Dichloropropene	10.38	75	44	74.708	ug/l #	1
55) 1,1,2-Trichloroethane	11.01	97	95	336.403	ug/l #	16
56) Ethyl methacrylate	10.89	69	22	59.962	ug/l #	1
57) 1,3-Dichloropropane	11.19	76	56	112.313	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.12	63	58	314.314	ug/l #	45
59) 2-Hexanone	11.25	43	155	832.850	ug/l #	83
60) Dibromochloromethane	11.56	129	31	89.998	ug/l #	10
61) 1,2-Dibromoethane	11.41	107	46	164.561	ug/l #	2
64) Tetrachloroethene	10.85	164	34	249.991	ug/l #	1
67) Ethyl Benzene	11.72	91	74	103.613	ug/l #	43
68) m/p-Xylenes	11.83	106	39	136.670	ug/l #	1
69) o-Xylene	11.91	106	21	78.405	ug/l #	1
70) Styrene	12.21	104	29	67.299	ug/l #	25
71) Bromoform	12.29	173	21	289.205	ug/l #	28
73) Isopropylbenzene	12.55	105	22	6.686	ug/l #	48
74) N-amyl acetate	12.32	43	71	85.658	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.73	83	19	35.338	ug/l #	1
76) 1,2,3-Trichloropropane	12.65	75	40	100.933	ug/l #	100
77) Bromobenzene	12.86	156	28	36.008	ug/l #	1
78) n-propylbenzene	12.82	91	71	17.639	ug/l #	53
79) 2-Chlorotoluene	12.90	91	25	10.939	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.03	105	27	9.442	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.65	75	40	245.375	ug/l #	6
82) 4-Chlorotoluene	13.04	91	62	25.745	ug/l #	40
83) tert-Butylbenzene	13.32	119	32	12.942	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.24	105	25	8.446	ug/l #	31
85) sec-Butylbenzene	13.52	105	83	23.345	ug/l #	56
86) p-Isopropyltoluene	13.52	119	35	10.739	ug/l #	50
87) 1,3-Dichlorobenzene	13.44	146	26	16.116	ug/l #	25
88) 1,4-Dichlorobenzene	13.44	146	26	16.351	ug/l #	25
89) n-Butylbenzene	13.80	91	59	19.322	ug/l #	33
90) Hexachloroethane	14.17	117	42	78.716	ug/l #	9
91) 1,2-Dichlorobenzene	14.11	146	37	25.739	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.43	75	45	462.669	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.01	180	23	22.206	ug/l #	13
94) Hexachlorobutadiene	15.32	225	52	85.232	ug/l #	19
95) Naphthalene	15.20	128	23	13.042	ug/l #	69

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.51	180	48	53.599	ug/l #	13

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

