

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012357.D
 Acq On : 30 Aug 2019 18:17
 Operator : SY/VA
 Sample : K4571-07
 Misc : 7.16G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200052

Quant Time: Aug 31 03:05:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	1431	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.84	114	2164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	2068	121.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	243.14%	
35) Dibromofluoromethane	7.88	113	1202	93.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.12%	
50) Toluene-d8	10.32	98	2657	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.63	95	493	26.70	ug/l	0.01
Spiked Amount	50.000		Recovery	=	53.40%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	345	25.273	ug/l #	49
4) Vinyl Chloride	2.39	62	23	1.377	ug/l #	43
6) Chloroethane	2.93	64	53	5.623	ug/l #	45
11) Tert butyl alcohol	5.17	59	22	21.490	ug/l #	71
13) Acrolein	4.06	56	19	19.717	ug/l #	15
14) Allyl chloride	4.66	41	67	2.183	ug/l #	55
15) Acrylonitrile	5.45	53	21	5.320	ug/l #	17
16) Acetone	4.14	43	1781	409.577	ug/l	91
18) Methyl Acetate	4.65	43	23	2.136	ug/l #	57
19) Methyl tert-butyl Ether	5.61	73	64	2.757	ug/l #	52
20) Methylene Chloride	4.93	84	193	11.741	ug/l #	47
25) 2-Butanone	7.20	43	106	17.939	ug/l #	56
27) cis-1,2-Dichloroethene	7.16	96	428	26.026	ug/l	77
28) Bromochloromethane	7.52	49	19	1.408	ug/l #	24
29) Tetrahydrofuran	7.51	42	19	5.359	ug/l #	42
36) 1,1-Dichloropropene	7.94	75	77	3.443	ug/l #	44
37) Ethyl Acetate	7.22	43	78	6.365	ug/l #	73
38) Carbon Tetrachloride	7.96	117	169	8.731	ug/l #	12
40) Benzene	8.34	78	248	4.061	ug/l #	51
41) Methacrylonitrile	7.43	41	22	3.055	ug/l #	27
43) Isopropyl Acetate	8.40	43	26	1.145	ug/l #	55
44) Trichloroethene	9.10	130	29	1.954	ug/l	80
45) 1,2-Dichloropropane	9.43	63	22	1.339	ug/l #	43
48) Methyl methacrylate	9.41	41	40	3.703	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	68	5.890	ug/l #	40
57) 1,3-Dichloropropane	11.19	76	42	2.148	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.74	63	23	2.976	ug/l #	50
59) 2-Hexanone	10.97	43	39	4.774	ug/l #	28
73) Isopropylbenzene	12.21	105	23	1.058	ug/l #	50
74) N-amyl acetate	12.10	43	26	3.960	ug/l #	47
76) 1,2,3-Trichloropropane	12.62	75	332	117.547	ug/l #	100
79) 2-Chlorotoluene	12.88	91	22	1.461	ug/l #	43
81) trans-1,4-Dichloro-2-buten	12.62	75	332	257.727	ug/l #	6
82) 4-Chlorotoluene	12.88	91	22	1.395	ug/l #	43

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.27	105	42	2.303	ug/l #	32
85) sec-Butylbenzene	13.27	105	42	1.906	ug/l #	57
89) n-Butylbenzene	13.70	91	22	1.124	ug/l #	33
95) Naphthalene	15.38	128	60	9.332	ug/l #	69

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

