

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012428.D
 Acq On : 01 Sep 2019 04:56
 Operator : SY/VA
 Sample : K4516-05
 Misc : 5.86G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B4-(0)

Quant Time: Sep 01 05:22:17 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	7.95	168	1800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1450	67.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.52%	
35) Dibromofluoromethane	7.89	113	1210	98.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.42%	
50) Toluene-d8	10.33	98	1534	30.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.42%	
62) 4-Bromofluorobenzene	12.62	95	322	18.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.58%	

Target Compounds

						Qvalue
3) Chloromethane	2.22	50	130	7.571	ug/l #	59
4) Vinyl Chloride	2.46	62	25	1.190	ug/l #	43
6) Chloroethane	2.93	64	133	11.218	ug/l #	45
11) Tert butyl alcohol	5.43	59	20	15.532	ug/l #	71
13) Acrolein	3.97	56	60	49.499	ug/l #	15
14) Allyl chloride	4.66	41	95	2.461	ug/l #	1
15) Acrylonitrile	5.35	53	23	4.632	ug/l #	17
16) Acetone	4.12	43	217	39.673	ug/l #	47
18) Methyl Acetate	4.65	43	26	1.919	ug/l #	57
19) Methyl tert-butyl Ether	5.55	73	42	1.438	ug/l #	52
20) Methylene Chloride	4.92	84	121	5.852	ug/l #	28
23) Vinyl Acetate	6.26	43	50	1.136	ug/l #	77
25) 2-Butanone	7.15	43	94	12.647	ug/l #	56
27) cis-1,2-Dichloroethene	7.18	96	50	2.417	ug/l #	4
28) Bromochloromethane	7.63	49	71	4.182	ug/l #	24
29) Tetrahydrofuran	7.54	42	82	18.389	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	119	5.579	ug/l #	44
37) Ethyl Acetate	7.26	43	90	7.700	ug/l #	73
38) Carbon Tetrachloride	7.94	117	261	14.138	ug/l #	12
40) Benzene	8.41	78	781	13.410	ug/l #	88
41) Methacrylonitrile	7.49	41	105	15.285	ug/l #	42
42) 1,2-Dichloroethane	8.37	62	21	1.150	ug/l #	77
43) Isopropyl Acetate	8.41	43	138	6.374	ug/l #	55
46) Dibromomethane	9.37	93	22	3.155	ug/l #	4
48) Methyl methacrylate	9.45	41	85	8.249	ug/l #	23
51) 4-Methyl-2-Pentanone	10.20	43	20	1.816	ug/l #	40
53) t-1,3-Dichloropropene	10.59	75	25	1.322	ug/l #	43
54) cis-1,3-Dichloropropene	10.09	75	24	1.051	ug/l #	77
56) Ethyl methacrylate	10.85	69	19	1.323	ug/l #	1
57) 1,3-Dichloropropane	11.18	76	44	2.360	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.88	63	19	2.578	ug/l #	50
59) 2-Hexanone	10.92	43	19	2.439	ug/l #	28
61) 1,2-Dibromoethane	11.47	107	22	2.393	ug/l #	3
74) N-amyl acetate	12.30	43	27	5.301	ug/l #	47

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	12.62	75	286	130.514	uq/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	286	286.156	uq/l #	6
86) p-Isopropyltoluene	13.67	119	42	2.751	uq/l #	50
89) n-Butylbenzene	13.97	91	26	1.712	uq/l #	33
90) Hexachloroethane	14.33	117	49	18.292	uq/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20	38.383	uq/l #	5

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

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