

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012426.D
 Acq On : 01 Sep 2019 04:05
 Operator : SY/VA
 Sample : K4516-03
 Misc : 5.92G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-B3-(0)

Quant Time: Sep 01 05:21:27 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	453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.54	152	20	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	410	76.14	ug/l	0.00
Spiked Amount			Recovery	=	152.28%	
35) Dibromofluoromethane	7.88	113	363	96.07	ug/l	0.00
Spiked Amount			Recovery	=	192.14%	
50) Toluene-d8	10.34	98	324	21.15	ug/l	0.02
Spiked Amount			Recovery	=	42.30%	
62) 4-Bromofluorobenzene	12.62	95	24	4.44	ug/l	0.00
Spiked Amount			Recovery	=	8.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.17	85	47	16.850	ug/l #	43
3) Chloromethane	2.23	50	82	18.975	ug/l #	43
5) Bromomethane	2.60	94	20	7.466	ug/l #	4
6) Chloroethane	2.90	64	91	30.498	ug/l #	45
10) Methyl Iodide	4.28	142	27	4.420	ug/l #	40
11) Tert butyl alcohol	5.21	59	22	67.887	ug/l #	71
12) 1,1-Dichloroethene	3.90	96	45	9.904	ug/l #	1
13) Acrolein	3.84	56	20	65.562	ug/l #	15
14) Allyl chloride	4.64	41	27	2.779	ug/l #	1
15) Acrylonitrile	5.43	53	59	47.218	ug/l #	17
16) Acetone	4.14	43	190	138.028	ug/l #	47
17) Carbon Disulfide	4.18	76	19	1.384	ug/l #	75
18) Methyl Acetate	4.65	43	71	20.825	ug/l #	57
19) Methyl tert-butyl Ether	5.46	73	42	5.716	ug/l #	52
20) Methylene Chloride	4.93	84	46	8.840	ug/l #	1
21) trans-1,2-Dichloroethene	5.50	96	22	4.515	ug/l #	1
22) Diisopropyl ether	6.34	45	19	1.055	ug/l #	36
23) Vinyl Acetate	6.24	43	177	15.973	ug/l #	77
24) 1,1-Dichloroethane	6.09	63	22	2.244	ug/l #	84
25) 2-Butanone	7.08	43	98	52.391	ug/l #	56
26) 2,2-Dichloropropane	7.04	77	31	5.587	ug/l #	54
27) cis-1,2-Dichloroethene	6.97	96	70	13.446	ug/l #	1
28) Bromochloromethane	7.37	49	22	5.149	ug/l #	24
29) Tetrahydrofuran	7.52	42	25	22.277	ug/l #	42
30) Chloroform	7.68	83	20	2.230	ug/l #	19
31) Cyclohexane	7.98	56	22	2.268	ug/l #	21
36) 1,1-Dichloropropene	8.08	75	43	6.574	ug/l #	51
37) Ethyl Acetate	7.27	43	20	5.580	ug/l #	1
40) Benzene	8.32	78	26	1.456	ug/l #	51
41) Methacrylonitrile	7.46	41	145	68.826	ug/l #	32
42) 1,2-Dichloroethane	8.20	62	32	5.716	ug/l #	77
43) Isopropyl Acetate	8.42	43	19	2.862	ug/l #	55
45) 1,2-Dichloropropane	9.55	63	25	5.201	ug/l #	43
48) Methyl methacrylate	9.49	41	110	34.808	ug/l #	46

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49) 1,4-Dioxane	9.46	88	22	671.904	ug/l #	1
51) 4-Methyl-2-Pentanone	10.27	43	122	36.125	ug/l #	40
52) Toluene	10.44	92	22	2.050	ug/l #	1
56) Ethyl methacrylate	10.59	69	23	5.222	ug/l #	1
59) 2-Hexanone	11.01	43	26	10.881	ug/l #	1
61) 1,2-Dibromoethane	11.16	107	19	6.739	ug/l #	3
68) m/p-Xylenes	11.81	106	19	11.588	ug/l #	1
74) N-amyl acetate	12.30	43	21	46.380	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	12.53	83	24	87.354	ug/l #	26
76) 1,2,3-Trichloropropane	12.63	75	32	164.283	ug/l #	100
77) Bromobenzene	12.93	156	33	101.785	ug/l #	1
78) n-propylbenzene	12.76	91	20	10.932	ug/l #	55
79) 2-Chlorotoluene	12.76	91	20	19.255	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.82	105	23	18.367	ug/l #	29
81) trans-1,4-Dichloro-2-buten	12.63	75	32	360.197	ug/l #	6
82) 4-Chlorotoluene	13.03	91	20	18.389	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.31	105	19	15.104	ug/l #	32
85) sec-Butylbenzene	13.31	105	19	12.502	ug/l #	57
86) p-Isopropyltoluene	13.54	119	19	13.999	ug/l #	50
89) n-Butylbenzene	13.57	91	21	15.559	ug/l #	33
92) 1,2-Dibromo-3-Chloropropan	14.54	75	27	582.936	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.06	180	24	62.427	ug/l #	12

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

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