

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012625.D
 Acq On : 05 Sep 2019 07:51
 Operator : SY/VA
 Sample : K4547-18
 Misc : 7.80G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-2-(0)

Quant Time: Sep 05 10:48:32 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	3834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	4851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	375	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	2394	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
35) Dibromofluoromethane	7.89	113	2112	72.94	ug/l	0.00
Spiked Amount			Recovery	=	145.88%	
50) Toluene-d8	10.32	98	3405	29.00	ug/l	0.00
Spiked Amount			Recovery	=	58.00%	
62) 4-Bromofluorobenzene	12.63	95	738	17.83	ug/l	0.01
Spiked Amount			Recovery	=	35.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	290	7.929	ug/l #	43
4) Vinyl Chloride	2.23	62	47	1.050	ug/l #	1
6) Chloroethane	2.90	64	100	3.960	ug/l #	45
7) Trichlorofluoromethane	3.06	101	26	1.157	ug/l #	18
8) Diethyl Ether	3.54	74	46	2.156	ug/l #	1
11) Tert butyl alcohol	5.18	59	51	18.594	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	49	1.274	ug/l #	1
13) Acrolein	3.93	56	22	8.521	ug/l #	15
15) Acrylonitrile	5.34	53	20	1.891	ug/l #	68
16) Acetone	4.14	43	283	24.291	ug/l #	47
18) Methyl Acetate	4.67	43	75	2.599	ug/l #	57
20) Methylene Chloride	4.92	84	519	11.784	ug/l #	70
25) 2-Butanone	7.19	43	40	2.527	ug/l #	56
28) Bromochloromethane	7.52	49	62	1.714	ug/l #	24
29) Tetrahydrofuran	7.54	42	93	9.791	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	443	8.837	ug/l #	52
37) Ethyl Acetate	7.25	43	106	3.859	ug/l #	73
38) Carbon Tetrachloride	8.03	117	45	1.037	ug/l #	12
41) Methacrylonitrile	7.48	41	44	2.725	ug/l #	1
43) Isopropyl Acetate	8.40	43	149	2.928	ug/l #	55
48) Methyl methacrylate	9.46	41	156	6.442	ug/l #	29
49) 1,4-Dioxane	9.39	88	25	99.632	ug/l #	17
51) 4-Methyl-2-Pentanone	10.31	43	82	3.168	ug/l #	89
54) cis-1,3-Dichloropropene	10.25	75	54	1.006	ug/l #	28
58) 2-Chloroethyl Vinyl ether	9.91	63	20	1.155	ug/l #	50
59) 2-Hexanone	11.05	43	78	4.259	ug/l #	64
60) Dibromochloromethane	11.34	129	27	1.045	ug/l #	11
69) o-Xylene	11.91	106	22	1.047	ug/l #	1
71) Bromoform	12.60	173	24	4.222	ug/l #	28
73) Isopropylbenzene	12.49	105	84	2.989	ug/l #	50
74) N-amyl acetate	12.27	43	22	2.591	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.64	83	56	10.871	ug/l #	26
76) 1,2,3-Trichloropropane	12.66	75	30	8.214	ug/l #	100
78) n-propylbenzene	12.81	91	98	2.857	ug/l #	55

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79) 2-Chlorotoluene	12.91	91	49	2.516	ug/l #	43
81) trans-1,4-Dichloro-2-buten	12.62	75	260	156.085	ug/l #	36
82) 4-Chlorotoluene	12.99	91	76	3.727	ug/l #	43
83) tert-Butylbenzene	13.17	119	20	1.006	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.27	105	28	1.187	ug/l #	32
85) sec-Butylbenzene	13.38	105	114	4.001	ug/l #	57
86) p-Isopropyltoluene	13.52	119	33	1.297	ug/l #	42
87) 1,3-Dichlorobenzene	13.51	146	20	1.682	ug/l #	1
88) 1,4-Dichlorobenzene	13.61	146	24	2.033	ug/l #	17
89) n-Butylbenzene	13.93	91	91	3.596	ug/l	94
91) 1,2-Dichlorobenzene	13.61	146	24	2.301	ug/l #	20
92) 1,2-Dibromo-3-Chloropropan	14.51	75	52	59.877	ug/l #	47
95) Naphthalene	15.40	128	56	7.938	ug/l #	34

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

