

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013024.D
 Acq On : 15 Sep 2019 06:10
 Operator : SY/VA
 Sample : K4850-03
 Misc : 5.31G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(7)

Quant Time: Sep 16 06:59:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	2643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	1050	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.46	152	13778	50.00	ug/l	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	1500	61.45	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	122.90%	
35) Dibromofluoromethane	7.89	113	1148	84.63	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	169.26%	
50) Toluene-d8	10.33	98	2118	39.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.80%	
62) 4-Bromofluorobenzene	12.63	95	843	44.17	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	88.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	94	2.809	ug/l #	41
4) Vinyl Chloride	2.36	62	19	1.004	ug/l #	44
5) Bromomethane	3.04	94	20	1.731	ug/l #	1
6) Chloroethane	2.93	64	28	2.413	ug/l #	42
9) 1,1,2-Trichlorotrifluoroet	4.27	101	45	2.243	ug/l #	16
11) Tert butyl alcohol	4.91	59	21	Below Cal	#	1
12) 1,1-Dichloroethene	4.10	96	69	3.782	ug/l #	1
13) Acrolein	3.87	56	42	16.803	ug/l #	15
14) Allyl chloride	4.67	41	61	1.761	ug/l #	23
15) Acrylonitrile	5.34	53	20	3.791	ug/l #	1
16) Acetone	4.12	43	177	15.045	ug/l #	47
17) Carbon Disulfide	4.39	76	48	1.320	ug/l #	76
18) Methyl Acetate	4.66	43	25	1.798	ug/l #	53
19) Methyl tert-butyl Ether	5.42	73	56	1.555	ug/l #	56
25) 2-Butanone	7.10	43	52	6.699	ug/l #	53
26) 2,2-Dichloropropane	7.17	77	24	Below Cal	#	55
27) cis-1,2-Dichloroethene	7.15	96	27	1.154	ug/l #	1
28) Bromochloromethane	7.59	49	23	1.317	ug/l #	14
29) Tetrahydrofuran	7.55	42	32	7.236	ug/l #	37
31) Cyclohexane	7.92	56	31	Below Cal	#	18
36) 1,1-Dichloropropene	7.95	75	122	6.107	ug/l #	43
37) Ethyl Acetate	7.24	43	20	1.886	ug/l #	1
38) Carbon Tetrachloride	7.96	117	264	12.896	ug/l #	11
40) Benzene	8.33	78	563	10.095	ug/l #	51
41) Methacrylonitrile	7.46	41	39	5.585	ug/l #	54
42) 1,2-Dichloroethane	8.31	62	73	3.905	ug/l #	76
43) Isopropyl Acetate	8.37	43	58	2.849	ug/l #	85
44) Trichloroethene	9.20	130	45	2.946	ug/l	1
45) 1,2-Dichloropropane	9.16	63	21	1.417	ug/l #	44
47) Bromodichloromethane	9.76	83	51	2.561	ug/l #	25
48) Methyl methacrylate	9.39	41	20	2.093	ug/l #	15
49) 1,4-Dioxane	9.32	88	44	369.902	ug/l #	20
51) 4-Methyl-2-Pentanone	10.20	43	56	5.328	ug/l #	38
52) Toluene	10.40	92	401	11.315	ug/l	89

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53) t-1,3-Dichloropropene	10.39	75	27	1.348	ug/l #	44
55) 1,1,2-Trichloroethane	10.66	97	38	3.514	ug/l #	15
56) Ethyl methacrylate	10.59	69	36	2.473	ug/l #	20
57) 1,3-Dichloropropane	10.85	76	20	1.043	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.97	63	22	2.817	ug/l #	47
59) 2-Hexanone	10.92	43	90	12.297	ug/l	76
60) Dibromochloromethane	11.16	129	206	15.756	ug/l	69
61) 1,2-Dibromoethane	11.24	107	23	2.331	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.75	131	215	29.997	ug/l #	28
67) Ethyl Benzene	11.73	91	436	12.622	ug/l #	81
68) m/p-Xylenes	11.84	106	160	12.680	ug/l #	1
69) o-Xylene	12.01	106	22	1.860	ug/l	99
71) Bromoform	12.35	173	123	32.671	ug/l #	29
76) 1,2,3-Trichloropropane	12.83	75	1089	9.024	ug/l #	100
77) Bromobenzene	12.87	156	103536	492.119	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.52	75	222	4.173	ug/l #	41
90) Hexachloroethane	14.07	117	239	1.543	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.52	75	281	9.571	ug/l #	1
95) Naphthalene	15.37	128	646	1.480	ug/l #	65

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

