

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101819\
 Data File : VD064012.D
 Acq On : 18 Oct 2019 15:53
 Operator : VA/SY
 Sample : K5448-01
 Misc : 4.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP

Quant Time: Oct 19 01:39:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	2149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	3033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	2475	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.58	152	546	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	885	42.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.60%	
35) Dibromofluoromethane	7.91	113	1002	54.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.12%	
50) Toluene-d8	10.35	98	3280	43.60	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	87.20%	
62) 4-Bromofluorobenzene	12.63	95	1097	41.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.11	85	63	4.134	ug/l #	47
3) Chloromethane	2.21	50	85	Below Cal	#	40
4) Vinyl Chloride	2.37	62	81	1.644	ug/l #	43
5) Bromomethane	2.61	94	54	1.705	ug/l #	5
6) Chloroethane	2.91	64	63	1.934	ug/l #	46
8) Diethyl Ether	3.83	74	60	5.740	ug/l #	2
9) 1,1,2-Trichlorotrifluoroet	3.80	101	71	3.939	ug/l #	16
10) Methyl Iodide	4.47	142	54	2.174	ug/l #	40
11) Tert butyl alcohol	5.17	59	106	67.058	ug/l #	1
12) 1,1-Dichloroethene	4.09	96	62	3.442	ug/l #	1
13) Acrolein	3.89	56	56	29.968	ug/l #	17
14) Allyl chloride	4.71	41	327	10.921	ug/l #	44
15) Acrylonitrile	5.44	53	72	15.623	ug/l #	17
16) Acetone	4.16	43	63	11.566	ug/l #	42
17) Carbon Disulfide	4.36	76	103	1.573	ug/l #	79
18) Methyl Acetate	4.66	43	63	5.913	ug/l #	49
19) Methyl tert-butyl Ether	5.53	73	89	1.908	ug/l #	1
20) Methylene Chloride	5.09	84	174	4.457	ug/l #	7
21) trans-1,2-Dichloroethene	5.28	96	60	2.676	ug/l #	1
22) Diisopropyl ether	6.34	45	79	1.292	ug/l #	20
23) Vinyl Acetate	6.29	43	60	1.649	ug/l #	71
24) 1,1-Dichloroethane	6.39	63	53	1.407	ug/l #	82
25) 2-Butanone	7.31	43	209	32.376	ug/l #	51
26) 2,2-Dichloropropane	7.31	77	70	2.054	ug/l #	53
27) cis-1,2-Dichloroethene	6.95	96	58	2.285	ug/l #	1
28) Bromochloromethane	7.54	49	219	16.586	ug/l #	10
29) Tetrahydrofuran	7.59	42	146	38.748	ug/l #	31
30) Chloroform	7.71	83	54	1.320	ug/l #	20
31) Cyclohexane	8.04	56	69	Below Cal	#	12
32) 1,1,1-Trichloroethane	7.79	97	53	1.510	ug/l #	26
36) 1,1-Dichloropropene	8.00	75	56	2.019	ug/l #	41
37) Ethyl Acetate	7.31	43	209	16.090	ug/l #	68
38) Carbon Tetrachloride	7.99	117	140	4.996	ug/l #	15
39) Methylcyclohexane	9.42	83	80	2.346	ug/l #	18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Methacrylonitrile	7.53	41	55	8.554	ug/l #	2
42) 1,2-Dichloroethane	8.46	62	86	3.741	ug/l #	73
43) Isopropyl Acetate	8.47	43	60	2.580	ug/l #	49
44) Trichloroethene	8.91	130	54	2.356	ug/l	6
45) 1,2-Dichloropropane	9.42	63	71	3.650	ug/l #	41
46) Dibromomethane	9.38	93	58	5.236	ug/l #	3
47) Bromodichloromethane	9.51	83	59	2.069	ug/l #	26
48) Methyl methacrylate	9.47	41	70	6.282	ug/l #	24
49) 1,4-Dioxane	9.19	88	55	363.727	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	62	5.140	ug/l #	34
52) Toluene	10.41	92	61	1.118	ug/l #	1
53) t-1,3-Dichloropropene	10.57	75	89	3.198	ug/l #	46
54) cis-1,3-Dichloropropene	9.97	75	74	2.310	ug/l #	33
55) 1,1,2-Trichloroethane	10.76	97	56	3.580	ug/l #	14
56) Ethyl methacrylate	10.87	69	329	16.610	ug/l #	46
58) 2-Chloroethyl Vinyl ether	10.03	63	65	7.634	ug/l #	44
59) 2-Hexanone	11.06	43	245	28.081	ug/l	92
65) Chlorobenzene	11.70	112	64	1.288	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.88	131	57	3.112	ug/l #	8
69) o-Xylene	12.36	106	64	1.932	ug/l #	1
73) Isopropylbenzene	12.59	105	71	1.934	ug/l #	48
74) N-amyl acetate	12.30	43	84	10.629	ug/l #	1
76) 1,2,3-Trichloropropane	12.77	75	199	54.417	ug/l #	100
77) Bromobenzene	12.67	156	54	5.905	ug/l #	1
78) n-propylbenzene	13.02	91	64	1.485	ug/l #	51
79) 2-Chlorotoluene	13.02	91	64	2.694	ug/l #	7
80) 1,3,5-Trimethylbenzene	12.79	105	148	4.833	ug/l	74
81) trans-1,4-Dichloro-2-buten	12.63	75	453	219.206	ug/l #	12
82) 4-Chlorotoluene	13.02	91	64	2.540	ug/l #	8
83) tert-Butylbenzene	13.15	119	170	6.238	ug/l #	29
84) 1,2,4-Trimethylbenzene	13.39	105	118	3.738	ug/l #	29
85) sec-Butylbenzene	13.39	105	118	3.206	ug/l #	55
86) p-Isopropyltoluene	13.67	119	140	4.020	ug/l #	50
87) 1,3-Dichlorobenzene	13.51	146	58	3.210	ug/l #	26
88) 1,4-Dichlorobenzene	13.51	146	58	3.254	ug/l #	25
89) n-Butylbenzene	13.79	91	57	1.758	ug/l #	32
92) 1,2-Dibromo-3-Chloropropan	14.64	75	115	119.289	ug/l #	1
94) Hexachlorobutadiene	15.04	225	56	8.446	ug/l #	20
95) Naphthalene	15.53	128	56	2.773	ug/l #	69

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

