

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061019\
 Data File : VD062651.D
 Acq On : 10 Jun 2019 14:11
 Operator : VA/AP
 Sample : K3265-07
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-02-2.5-3.0

Quant Time: Jun 11 03:56:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1336	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	194	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	1579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.40	98	675	156.83	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	313.66%	
62) 4-Bromofluorobenzene	13.55	95	883	439.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	879.48%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.58	85	813	52.471	ug/l 77
3) Chloromethane	1.73	50	233	17.626	ug/l # 42
5) Bromomethane	2.19	94	728	105.803	ug/l # 1
9) 1,1,2-Trichlorotrifluoroet	3.14	101	241	14.646	ug/l # 23
13) Acrolein	3.05	56	305	1196.532	ug/l 87
14) Allyl chloride	3.48	41	187	10.299	ug/l # 1
16) Acetone	3.21	43	65703	18611.811	ug/l # 89
17) Carbon Disulfide	3.37	76	9184	263.927	ug/l # 76
18) Methyl Acetate	3.66	43	1135	195.637	ug/l # 64
20) Methylene Chloride	3.81	84	8080	610.744	ug/l # 81
23) Vinyl Acetate	4.93	43	204	8.722	ug/l # 81
25) 2-Butanone	6.08	43	9521	2764.527	ug/l # 61
29) Tetrahydrofuran	6.06	42	347	223.736	ug/l # 1
31) Cyclohexane	6.96	56	210	13.803	ug/l # 13
36) 1,1-Dichloropropene	7.18	75	197	88.726	ug/l # 44
37) Ethyl Acetate	6.08	43	9522	9817.668	ug/l # 74
39) Methylcyclohexane	8.87	83	810	451.446	ug/l # 51
40) Benzene	7.44	78	14344	3308.069	ug/l 98
43) Isopropyl Acetate	9.31	43	280	239.002	ug/l # 52
48) Methyl methacrylate	9.15	41	178	210.309	ug/l # 19
51) 4-Methyl-2-Pentanone	10.41	43	301	367.185	ug/l # 42
52) Toluene	10.51	92	5638	1934.367	ug/l # 63
55) 1,1,2-Trichloroethane	11.09	97	432	432.193	ug/l # 17
59) 2-Hexanone	11.54	43	378	619.896	ug/l # 32
65) Chlorobenzene	12.40	112	550	49.433	ug/l # 42
67) Ethyl Benzene	12.51	91	102071	5174.250	ug/l 95
68) m/p-Xylenes	12.67	106	13088	1887.219	ug/l 80
69) o-Xylene	13.05	106	8480	1331.409	ug/l 90
70) Styrene	13.07	104	4512	397.028	ug/l # 78
73) Isopropylbenzene	13.40	105	48905	439.416	ug/l 97
74) N-amyl acetate	13.29	43	878	29.190	ug/l # 31
75) 1,1,2,2-Tetrachloroethane	13.70	83	293	15.386	ug/l # 27
76) 1,2,3-Trichloropropane	13.71	75	328	15.320	ug/l # 42
77) Bromobenzene	13.67	156	279	8.771	ug/l # 34

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

78) n-propylbenzene	13.76	91	43671	320.561	uq/l	90
79) 2-Chlorotoluene	13.87	91	6997	87.718	uq/l #	43
80) 1,3,5-Trimethylbenzene	13.93	105	32251	327.881	uq/l	97
81) trans-1,4-Dichloro-2-buten	13.39	75	633	95.827	uq/l #	32
82) 4-Chlorotoluene	13.93	91	6122	64.177	uq/l #	43
83) tert-Butylbenzene	14.19	119	1078	9.937	uq/l #	82
84) 1,2,4-Trimethylbenzene	14.24	105	97910	1005.345	uq/l	98
85) sec-Butylbenzene	14.36	105	4602	40.453	uq/l	89
86) p-Isopropyltoluene	14.49	119	2719	24.548	uq/l #	10
87) 1,3-Dichlorobenzene	14.53	146	779	13.518	uq/l	79
88) 1,4-Dichlorobenzene	14.53	146	779	14.304	uq/l	78
89) n-Butylbenzene	14.79	91	12809	128.547	uq/l #	88
90) Hexachloroethane	14.98	117	8013	274.037	uq/l #	8
91) 1,2-Dichlorobenzene	14.81	146	1069	22.316	uq/l #	46
92) 1,2-Dibromo-3-Chloropropan	15.34	75	211	51.871	uq/l #	17
93) 1,2,4-Trichlorobenzene	15.94	180	513	15.291	uq/l #	44
94) Hexachlorobutadiene	16.04	225	603	21.321	uq/l #	19
95) Naphthalene	16.12	128	447808	7280.237	uq/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	315	11.416	uq/l #	32

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

