

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065207.D
 Acq On : 17 Feb 2020 20:07
 Operator : VA/SY
 Sample : L1548-02
 Misc : 6.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-063

Quant Time: Feb 18 03:18:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	754	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	59	21.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.80%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	10.34	98	884	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.64	95	435	71.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.19	85	57	21.608	ug/l #	43
3) Chloromethane	2.23	50	54	17.390	ug/l #	40
5) Bromomethane	2.90	94	77	36.161	ug/l #	3
8) Diethyl Ether	3.71	74	56	40.815	ug/l #	28
11) Tert butyl alcohol	5.24	59	54	328.040	ug/l #	71
12) 1,1-Dichloroethene	4.10	96	70	25.016	ug/l #	1
14) Allyl chloride	4.71	41	68	14.622	ug/l #	22
16) Acetone	4.18	43	680	1009.495	ug/l #	45
18) Methyl Acetate	4.74	43	58	41.212	ug/l #	52
20) Methylene Chloride	4.97	84	912	329.514	ug/l #	67
21) trans-1,2-Dichloroethene	5.50	96	62	19.584	ug/l #	1
27) cis-1,2-Dichloroethene	7.03	96	60	17.840	ug/l #	1
28) Bromochloromethane	7.71	49	317	157.497	ug/l #	12
29) Tetrahydrofuran	7.41	42	61	125.537	ug/l #	34
30) Chloroform	7.73	83	4694	887.868	ug/l #	81
31) Cyclohexane	8.01	56	109	20.337	ug/l #	15
43) Isopropyl Acetate	8.57	43	122	19.499	ug/l #	52
47) Bromodichloromethane	9.66	83	83	11.309	ug/l #	25
48) Methyl methacrylate	9.43	41	55	18.268	ug/l #	13
51) 4-Methyl-2-Pentanone	9.98	43	55	17.859	ug/l #	37
55) 1,1,2-Trichloroethane	10.73	97	140	36.644	ug/l #	17
59) 2-Hexanone	11.06	43	54	24.755	ug/l #	26
67) Ethyl Benzene	11.75	91	100	4.204	ug/l #	43
68) m/p-Xylenes	11.86	106	153	16.850	ug/l #	58
76) 1,2,3-Trichloropropane	12.64	75	159	27.853	ug/l #	100
78) n-propylbenzene	12.83	91	192	3.168	ug/l #	52
79) 2-Chlorotoluene	12.83	91	192	5.683	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.64	75	159	55.703	ug/l #	10
82) 4-Chlorotoluene	12.83	91	192	5.412	ug/l #	40
83) tert-Butylbenzene	13.27	119	55	1.506	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.28	105	416	9.897	ug/l	75
85) sec-Butylbenzene	13.28	105	416	8.339	ug/l #	56
86) p-Isopropyltoluene	13.27	119	55	1.187	ug/l #	50
95) Naphthalene	15.41	128	1186	49.928	ug/l #	89

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

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