

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021720\
 Data File : VD065205.D
 Acq On : 17 Feb 2020 19:11
 Operator : VA/SY
 Sample : L1551-02
 Misc : 6.70G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-SF-01-007-A

Quant Time: Feb 18 03:17:50 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	7.98	168	1189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	226	22.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.72%	
35) Dibromofluoromethane	7.92	113	205	22.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.58%	
50) Toluene-d8	10.34	98	1941	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.64	95	630	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	121	12.229	ug/l #	43
3) Chloromethane	2.21	50	251	21.550	ug/l #	40
5) Bromomethane	2.90	94	62	7.763	ug/l #	3
6) Chloroethane	2.81	64	64	8.376	ug/l #	44
8) Diethyl Ether	3.69	74	74	14.380	ug/l #	1
11) Tert butyl alcohol	5.25	59	1538	2490.960	ug/l #	71
12) 1,1-Dichloroethene	4.02	96	60	5.717	ug/l #	1
13) Acrolein	3.68	56	60	79.007	ug/l #	13
14) Allyl chloride	4.73	41	205	11.752	ug/l #	22
16) Acetone	4.17	43	11503	4552.854	ug/l	97
18) Methyl Acetate	4.83	43	73	13.829	ug/l #	52
19) Methyl tert-butyl Ether	5.51	73	56	2.413	ug/l #	55
20) Methylene Chloride	4.96	84	2106	201.225	ug/l #	84
21) trans-1,2-Dichloroethene	5.54	96	58	4.884	ug/l #	1
25) 2-Butanone	7.23	43	86	28.535	ug/l #	50
29) Tetrahydrofuran	7.57	42	185	101.506	ug/l #	34
30) Chloroform	7.72	83	269	13.565	ug/l #	45
31) Cyclohexane	7.99	56	182	9.053	ug/l #	67
37) Ethyl Acetate	7.28	43	75	12.248	ug/l #	69
40) Benzene	8.35	78	777	18.772	ug/l #	51
41) Methacrylonitrile	7.58	41	442	131.016	ug/l #	26
43) Isopropyl Acetate	8.36	43	72	6.146	ug/l #	52
48) Methyl methacrylate	9.43	41	57	10.112	ug/l #	13
51) 4-Methyl-2-Pentanone	10.11	43	470	81.515	ug/l #	37
52) Toluene	10.41	92	1048	39.670	ug/l	98
55) 1,1,2-Trichloroethane	10.73	97	84	11.743	ug/l #	17
59) 2-Hexanone	10.99	43	214	52.399	ug/l #	26
60) Dibromochloromethane	10.90	129	55	5.936	ug/l #	11
64) Tetrachloroethene	10.88	164	122	13.572	ug/l #	63
67) Ethyl Benzene	11.75	91	594	13.512	ug/l #	43
68) m/p-Xylenes	11.86	106	478	28.489	ug/l	83
69) o-Xylene	12.18	106	116	7.677	ug/l #	1
70) Styrene	12.18	104	241	9.177	ug/l #	44
73) Isopropylbenzene	12.48	105	124	1.886	ug/l #	48

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
74) N-amy1 acetate	12.41	43	69	4.828	uq/l #	5
76) 1,2,3-Trichloropropane	12.64	75	266	36.674	uq/l #	100
78) n-propylbenzene	12.83	91	508	6.597	uq/l #	52
79) 2-Chlorotoluene	12.83	91	508	11.835	uq/l #	40
80) 1,3,5-Trimethylbenzene	12.97	105	1193	22.178	uq/l	78
81) trans-1,4-Dichloro-2-buten	12.47	75	1125	310.201	uq/l #	15
82) 4-Chlorotoluene	13.01	91	71	1.575	uq/l #	40
83) tert-Butylbenzene	13.24	119	59	1.271	uq/l #	27
84) 1,2,4-Trimethylbenzene	13.28	105	1063	19.905	uq/l #	63
85) sec-Butylbenzene	13.28	105	1063	16.770	uq/l #	56
86) p-Isopropyltoluene	13.53	119	730	12.395	uq/l #	68
87) 1,3-Dichlorobenzene	13.60	146	229	7.720	uq/l	84
88) 1,4-Dichlorobenzene	13.60	146	229	7.757	uq/l	85
89) n-Butylbenzene	13.84	91	83	1.527	uq/l #	1
90) Hexachloroethane	14.13	117	139	12.464	uq/l #	7
93) 1,2,4-Trichlorobenzene	15.17	180	117	6.443	uq/l #	62
95) Naphthalene	15.41	128	3341	110.698	uq/l #	83

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

