

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065827.D
 Acq On : 19 Jun 2020 14:38
 Operator : VA/SY
 Sample : L2818-01
 Misc : 5.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-061720

Quant Time: Jun 22 08:27:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	11609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	20321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	20067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	7838	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	13132	114.48	ug/l	0.00
Spiked Amount			Recovery	=	228.96%	
35) Dibromofluoromethane	7.91	113	9536	74.29	ug/l	0.00
Spiked Amount			Recovery	=	148.58%	
50) Toluene-d8	10.34	98	23527	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.63	95	7921	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	371	Below Cal	#	43
4) Vinyl Chloride	2.36	62	212	1.238	ug/l #	43
5) Bromomethane	2.78	94	379	3.164	ug/l #	25
15) Acrylonitrile	5.41	53	71	3.064	ug/l #	17
16) Acetone	4.17	43	671	31.010	ug/l #	74
20) Methylene Chloride	4.96	84	1588	10.285	ug/l #	65
25) 2-Butanone	7.34	43	62	2.075	ug/l #	52
31) Cyclohexane	7.98	56	675	3.281	ug/l #	74
40) Benzene	8.34	78	534	1.003	ug/l #	51
41) Methacrylonitrile	7.51	41	79	1.730	ug/l #	28
48) Methyl methacrylate	9.39	41	139	1.883	ug/l #	15
49) 1,4-Dioxane	9.46	88	64	82.913	ug/l #	23
51) 4-Methyl-2-Pentanone	10.23	43	276	3.694	ug/l #	37
52) Toluene	10.40	92	417	1.206	ug/l #	60
58) 2-Chloroethyl Vinyl ether	9.96	63	72	1.359	ug/l #	46
59) 2-Hexanone	10.99	43	126	2.502	ug/l	96
65) Chlorobenzene	11.66	112	574	1.465	ug/l #	44
67) Ethyl Benzene	11.74	91	850	1.215	ug/l	97
68) m/p-Xylenes	11.87	106	466	1.729	ug/l #	39
70) Styrene	12.20	104	463	1.100	ug/l #	46
73) Isopropylbenzene	12.48	105	804	1.530	ug/l #	73
76) 1,2,3-Trichloropropane	12.77	75	149	2.444	ug/l #	100
78) n-propylbenzene	12.83	91	966	1.527	ug/l #	73
79) 2-Chlorotoluene	12.92	91	413	1.190	ug/l	91
80) 1,3,5-Trimethylbenzene	12.96	105	461	1.054	ug/l #	50
81) trans-1,4-Dichloro-2-buten	12.64	75	4622	163.826	ug/l #	9
82) 4-Chlorotoluene	12.92	91	413	1.109	ug/l	91
84) 1,2,4-Trimethylbenzene	13.27	105	689	1.574	ug/l	66
85) sec-Butylbenzene	13.41	105	667	1.263	ug/l #	55
87) 1,3-Dichlorobenzene	13.53	146	351	1.432	ug/l #	72
88) 1,4-Dichlorobenzene	13.61	146	646	2.649	ug/l #	79
89) n-Butylbenzene	13.84	91	890	1.928	ug/l #	60
91) 1,2-Dichlorobenzene	13.90	146	412	1.953	ug/l #	45
93) 1,2,4-Trichlorobenzene	15.17	180	393	2.740	ug/l #	81

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95) Naphthalene	15.41	128	1058	4.354	ug/l #	69

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

