

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062570.D
 Acq On : 31 May 2019 18:09
 Operator : VA/AP
 Sample : K3097-10
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190430-HR-10

Quant Time: May 31 23:28:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	5931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	8843	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	8306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	3227	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	6228	89.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.12%	
35) Dibromofluoromethane	6.93	113	3543	43.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.94%	
50) Toluene-d8	10.43	98	6446	36.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.02%	
62) 4-Bromofluorobenzene	13.56	95	3520	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	

Target Compounds			Qvalue			
3) Chloromethane	1.77	50	1404	18.838	ug/l #	43
5) Bromomethane	2.16	94	602	35.279	ug/l #	12
6) Chloroethane	2.17	64	233	9.456	ug/l #	2
8) Diethyl Ether	2.81	74	236	16.567	ug/l	65
10) Methyl Iodide	3.35	142	944	12.687	ug/l #	90
13) Acrolein	3.08	56	209	161.713	ug/l #	10
16) Acetone	3.23	43	3755	274.815	ug/l #	60
18) Methyl Acetate	3.58	43	198	8.878	ug/l #	63
25) 2-Butanone	6.21	43	183	14.221	ug/l #	62
29) Tetrahydrofuran	6.07	42	200	34.696	ug/l #	33
36) 1,1-Dichloropropene	7.04	75	180	2.045	ug/l #	41
37) Ethyl Acetate	6.21	43	183	4.931	ug/l #	72
38) Carbon Tetrachloride	7.07	117	395	3.014	ug/l #	15
48) Methyl methacrylate	9.22	41	338	10.987	ug/l #	18
55) 1,1,2-Trichloroethane	11.24	97	844	21.814	ug/l #	16
59) 2-Hexanone	11.65	43	207	9.158	ug/l #	32
67) Ethyl Benzene	12.53	91	1347	4.544	ug/l #	47
68) m/p-Xylenes	12.67	106	1569	15.299	ug/l #	59
73) Isopropylbenzene	13.39	105	380	1.786	ug/l #	52
74) N-amyl acetate	13.28	43	234	4.314	ug/l #	51
78) n-propylbenzene	13.78	91	370	1.509	ug/l #	57
79) 2-Chlorotoluene	13.78	91	370	2.602	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.94	105	348	1.914	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	1592	143.509	ug/l #	5
82) 4-Chlorotoluene	13.78	91	370	2.174	ug/l #	41
84) 1,2,4-Trimethylbenzene	14.25	105	1943	10.489	ug/l #	53
85) sec-Butylbenzene	14.25	105	1943	9.042	ug/l #	60
89) n-Butylbenzene	14.72	91	256	1.428	ug/l #	30
90) Hexachloroethane	15.10	117	256	4.806	ug/l #	6
95) Naphthalene	16.13	128	663	7.158	ug/l #	71

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

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