

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053119\
 Data File : VD062566.D
 Acq On : 31 May 2019 16:20
 Operator : VA/AP
 Sample : K3097-03
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190423-HR-3

Quant Time: May 31 23:27:17 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	7.08	168	4862	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.24	114	7688	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	7036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	3087	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	4851	85.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.18%	
35) Dibromofluoromethane	6.93	113	3398	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.42	98	5605	36.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.04%	
62) 4-Bromofluorobenzene	13.56	95	3235	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	

Target Compounds

						Qvalue
3) Chloromethane	1.78	50	1886	33.644	ug/l #	43
4) Vinyl Chloride	1.89	62	272	6.315	ug/l #	42
5) Bromomethane	2.15	94	1296	92.649	ug/l #	1
6) Chloroethane	2.29	64	191	9.456	ug/l #	45
10) Methyl Iodide	3.34	142	1166	19.116	ug/l #	27
11) Tert butyl alcohol	4.03	59	194	79.785	ug/l #	80
16) Acetone	3.20	43	836	74.636	ug/l #	60
18) Methyl Acetate	3.64	43	242	13.237	ug/l #	63
23) Vinyl Acetate	4.99	43	178	2.419	ug/l #	80
32) 1,1,1-Trichloroethane	7.03	97	179	1.823	ug/l #	23
38) Carbon Tetrachloride	7.05	117	188	1.650	ug/l #	15
40) Benzene	7.45	78	187	1.245	ug/l #	51
41) Methacrylonitrile	6.58	41	204	5.373	ug/l #	34
51) 4-Methyl-2-Pentanone	10.42	43	235	8.388	ug/l #	42
55) 1,1,2-Trichloroethane	11.25	97	516	15.340	ug/l #	16
64) Tetrachloroethene	11.28	164	260	4.180	ug/l #	1
67) Ethyl Benzene	12.53	91	1155	4.599	ug/l	92
68) m/p-Xylenes	12.68	106	1223	14.078	ug/l #	64
74) N-amyl acetate	13.48	43	375	7.227	ug/l #	51
78) n-propylbenzene	13.78	91	940	4.007	ug/l #	57
79) 2-Chlorotoluene	13.78	91	940	6.911	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.94	105	444	2.553	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	1522	143.421	ug/l #	5
84) 1,2,4-Trimethylbenzene	14.24	105	2743	15.479	ug/l	86
85) sec-Butylbenzene	14.24	105	2743	13.344	ug/l #	60
89) n-Butylbenzene	14.71	91	194	1.132	ug/l #	30
95) Naphthalene	16.13	128	484	5.462	ug/l #	71

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

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