

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062586.D
 Acq On : 3 Jun 2019 15:30
 Operator : VA/AP
 Sample : K3097-20
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 0440-PR-3(PASSAIC)

Quant Time: Jun 04 05:51:41 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	7.04	168	7573	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	11215	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	8400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	4170	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	4955	55.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.60%	
35) Dibromofluoromethane	6.92	113	4349	42.55	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	85.10%	
50) Toluene-d8	10.41	98	9041	40.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.76%	
62) 4-Bromofluorobenzene	13.56	95	3645	36.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.76	50	925	7.617	ug/l #	43
4) Vinyl Chloride	1.91	62	281	4.188	ug/l #	42
5) Bromomethane	2.11	94	1472	67.560	ug/l #	12
6) Chloroethane	2.10	64	203	6.452	ug/l #	1
10) Methyl Iodide	3.35	142	1224	12.884	ug/l #	46
12) 1,1-Dichloroethene	3.14	96	267	4.508	ug/l #	1
14) Allyl chloride	3.59	41	240	2.594	ug/l #	7
16) Acetone	3.22	43	1540	88.270	ug/l #	60
23) Vinyl Acetate	5.15	43	255	2.225	ug/l #	80
25) 2-Butanone	6.06	43	246	14.972	ug/l #	62
30) Chloroform	6.68	83	275	1.871	ug/l #	20
36) 1,1-Dichloropropene	7.06	75	777	6.960	ug/l #	41
37) Ethyl Acetate	6.06	43	246	5.227	ug/l #	72
38) Carbon Tetrachloride	7.04	117	262	1.576	ug/l #	15
51) 4-Methyl-2-Pentanone	10.31	43	224	5.481	ug/l #	42
53) t-1,3-Dichloropropene	10.97	75	183	1.742	ug/l #	1
57) 1,3-Dichloropropane	11.52	76	178	2.353	ug/l #	41
64) Tetrachloroethene	11.23	164	443	5.966	ug/l #	1
67) Ethyl Benzene	12.54	91	1447	4.826	ug/l #	47
68) m/p-Xylenes	12.67	106	1147	11.059	ug/l	91
74) N-amyl acetate	13.27	43	191	2.725	ug/l #	51
76) 1,2,3-Trichloropropane	13.71	75	389	7.776	ug/l #	42
78) n-propylbenzene	13.77	91	1118	3.528	ug/l #	57
79) 2-Chlorotoluene	13.86	91	513	2.792	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.94	105	2011	8.561	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.56	75	2233	155.771	ug/l #	5
82) 4-Chlorotoluene	13.95	91	248	1.127	ug/l #	41
83) tert-Butylbenzene	14.23	119	863	3.292	ug/l #	85
84) 1,2,4-Trimethylbenzene	14.24	105	5880	24.564	ug/l	99
85) sec-Butylbenzene	14.24	105	5880	21.176	ug/l #	60
87) 1,3-Dichlorobenzene	14.46	146	207	1.584	ug/l #	25
88) 1,4-Dichlorobenzene	14.46	146	207	1.581	ug/l #	26
89) n-Butylbenzene	14.81	91	1084	4.681	ug/l #	30
90) Hexachloroethane	15.14	117	690	10.025	ug/l #	6

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	15.26	75	215	23.782	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.96	180	419	4.767	ug/l #	11
95) Naphthalene	16.13	128	5257	43.921	ug/l #	87

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

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