

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060319\
 Data File : VD062594.D
 Acq On : 3 Jun 2019 19:07
 Operator : VA/AP
 Sample : K3165-09RE
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 13873RE

Quant Time: Jun 04 05:53:31 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	33134	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	44000	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	35226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	13541	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	27457	70.67	ug/l	0.00
Spiked Amount			Recovery	=	141.34%	
35) Dibromofluoromethane	6.92	113	21328	53.19	ug/l	-0.02
Spiked Amount			Recovery	=	106.38%	
50) Toluene-d8	10.40	98	30267	34.45	ug/l	-0.02
Spiked Amount			Recovery	=	68.90%	
62) 4-Bromofluorobenzene	13.55	95	14927	37.68	ug/l	0.00
Spiked Amount			Recovery	=	75.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	203	Below Cal	#	43
5) Bromomethane	2.15	94	1347	14.130	ug/l #	12
6) Chloroethane	2.31	64	410	2.978	ug/l #	1
11) Tert butyl alcohol	4.06	59	1092	65.899	ug/l #	80
13) Acrolein	3.07	56	724	100.274	ug/l #	10
16) Acetone	3.22	43	47231	618.744	ug/l	93
18) Methyl Acetate	3.63	43	233	1.870	ug/l #	63
20) Methylene Chloride	3.81	84	295	1.044	ug/l #	64
25) 2-Butanone	6.08	43	7461	103.782	ug/l #	92
29) Tetrahydrofuran	6.09	42	245	7.608	ug/l #	27
36) 1,1-Dichloropropene	7.05	75	2049	4.678	ug/l #	41
37) Ethyl Acetate	6.16	43	655	3.547	ug/l #	72
38) Carbon Tetrachloride	7.06	117	3140	4.815	ug/l #	15
39) Methylcyclohexane	8.86	83	535	1.443	ug/l #	10
40) Benzene	7.46	78	58745	68.335	ug/l	95
41) Methacrylonitrile	6.48	41	301	1.385	ug/l #	34
51) 4-Methyl-2-Pentanone	10.31	43	4643	28.957	ug/l #	76
52) Toluene	10.51	92	74877	127.707	ug/l	89
55) 1,1,2-Trichloroethane	11.32	97	193	1.003	ug/l #	16
59) 2-Hexanone	11.55	43	861	7.655	ug/l #	32
67) Ethyl Benzene	12.52	91	25507	20.287	ug/l	95
68) m/p-Xylenes	12.66	106	39069	89.826	ug/l	95
69) o-Xylene	13.05	106	19387	46.726	ug/l	85
70) Styrene	13.07	104	12398	17.599	ug/l #	80
73) Isopropylbenzene	13.40	105	2740	3.069	ug/l #	52
74) N-amyl acetate	13.20	43	968	4.253	ug/l #	51
78) n-propylbenzene	13.78	91	4641	4.510	ug/l	84
79) 2-Chlorotoluene	13.85	91	2762	4.629	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.94	105	9983	13.087	ug/l	91
81) trans-1,4-Dichloro-2-buten	13.55	75	7419	159.379	ug/l #	5
82) 4-Chlorotoluene	13.94	91	2251	3.151	ug/l #	41
83) tert-Butylbenzene	14.24	119	3343	3.928	ug/l #	65
84) 1,2,4-Trimethylbenzene	14.24	105	29431	37.863	ug/l	91
85) sec-Butylbenzene	14.24	105	29429	32.638	ug/l #	60

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86) p-Isopropyltoluene	14.50	119	843	1.001	ug/l #	50
87) 1,3-Dichlorobenzene	14.54	146	879	2.072	ug/l #	25
88) 1,4-Dichlorobenzene	14.54	146	879	2.067	ug/l #	26
89) n-Butylbenzene	14.80	91	1021	1.358	ug/l #	74
95) Naphthalene	16.12	128	213297	548.792	ug/l	99

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

