

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060419\
 Data File : VD062601.D
 Acq On : 4 Jun 2019 16:38
 Operator : FY/SY
 Sample : K3183-01
 Misc : 4.97g/5mL/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-COMP-1

Quant Time: Jun 05 03:48:39 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	23798	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	34232	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	32656	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	19078	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	20716	74.24	ug/l	-0.03
Spiked Amount			Recovery	=	148.48%	
35) Dibromofluoromethane	6.92	113	14623	46.88	ug/l	-0.02
Spiked Amount			Recovery	=	93.76%	
50) Toluene-d8	10.40	98	29257	42.81	ug/l	-0.02
Spiked Amount			Recovery	=	85.62%	
62) 4-Bromofluorobenzene	13.55	95	16548	53.69	ug/l	-0.01
Spiked Amount			Recovery	=	107.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.75	50	1486	1.770	ug/l #	53
5) Bromomethane	2.16	94	1879	27.443	ug/l #	61
6) Chloroethane	2.21	64	222	2.245	ug/l #	45
8) Diethyl Ether	2.92	74	182	3.184	ug/l	100
10) Methyl Iodide	3.30	142	7336	24.572	ug/l #	55
11) Tert butyl alcohol	4.09	59	248	20.837	ug/l #	80
12) 1,1-Dichloroethene	3.13	96	284	1.526	ug/l #	10
13) Acrolein	3.01	56	195	37.603	ug/l #	81
15) Acrylonitrile	4.21	53	200	7.030	ug/l #	11
16) Acetone	3.22	43	39063	712.497	ug/l	95
18) Methyl Acetate	3.63	43	5959	66.593	ug/l #	63
20) Methylene Chloride	3.80	84	682	3.360	ug/l #	50
25) 2-Butanone	6.06	43	233	4.512	ug/l #	62
29) Tetrahydrofuran	6.46	42	181	7.825	ug/l #	33
36) 1,1-Dichloropropene	7.03	75	1745	5.121	ug/l #	41
37) Ethyl Acetate	6.06	43	233	1.622	ug/l #	72
38) Carbon Tetrachloride	7.03	117	3169	6.246	ug/l #	15
41) Methacrylonitrile	6.43	41	183	1.082	ug/l #	34
43) Isopropyl Acetate	9.11	43	180	1.007	ug/l #	50
48) Methyl methacrylate	8.97	41	187	1.570	ug/l #	18
52) Toluene	10.49	92	1466	3.214	ug/l #	39
55) 1,1,2-Trichloroethane	11.20	97	191	1.275	ug/l #	16
59) 2-Hexanone	11.52	43	447	5.109	ug/l #	32
65) Chlorobenzene	12.39	112	770	1.210	ug/l #	41
67) Ethyl Benzene	12.52	91	2353	2.019	ug/l	99
68) m/p-Xylenes	12.67	106	1655	4.105	ug/l	79
70) Styrene	13.07	104	873	1.337	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	13.70	83	205	1.028	ug/l #	25
76) 1,2,3-Trichloropropane	13.71	75	567	2.477	ug/l #	42
77) Bromobenzene	13.66	156	405	1.174	ug/l #	60
78) n-propylbenzene	13.77	91	1930	1.331	ug/l #	57
79) 2-Chlorotoluene	13.95	91	1263	1.502	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.55	75	7308	111.430	ug/l #	5
82) 4-Chlorotoluene	13.95	91	1263	1.255	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	14.23	105	3550	3.242	ug/l	75
87) 1,3-Dichlorobenzene	14.54	146	1289	2.156	ug/l	91
88) 1,4-Dichlorobenzene	14.54	146	1289	2.152	ug/l	90
91) 1,2-Dichlorobenzene	14.81	146	764	1.519	ug/l #	65
93) 1,2,4-Trichlorobenzene	15.94	180	1885	4.688	ug/l	89
94) Hexachlorobutadiene	16.03	225	552	1.860	ug/l	85
95) Naphthalene	16.12	128	4620	8.437	ug/l #	92
96) 1,2,3-Trichlorobenzene	16.27	180	1164	3.875	ug/l #	72

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

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