

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063506.D
 Acq On : 13 Aug 2019 1:30
 Operator : JC/SY
 Sample : K4223-10RE
 Misc : 3.51g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-5RE

Quant Time: Aug 13 09:12:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	24919	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	52135	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	33846	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	13469	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	39305	147.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	295.12%	
35) Dibromofluoromethane	6.93	113	14340	32.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.32%	
50) Toluene-d8	10.41	98	26807	27.77	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	55.54%	
62) 4-Bromofluorobenzene	13.56	95	12513	28.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.20%	

Target Compounds						Qvalue
3) Chloromethane	1.77	50	1780	7.557	ug/l #	41
4) Vinyl Chloride	1.84	62	349	1.493	ug/l #	42
5) Bromomethane	2.19	94	2317	21.000	ug/l #	1
6) Chloroethane	2.28	64	217	2.029	ug/l #	1
7) Trichlorofluoromethane	2.55	101	734	1.600	ug/l #	17
8) Diethyl Ether	2.73	74	185	2.857	ug/l #	1
10) Methyl Iodide	3.31	142	3545	9.251	ug/l #	67
11) Tert butyl alcohol	4.08	59	265	22.854	ug/l #	71
12) 1,1-Dichloroethene	3.13	96	259	1.286	ug/l #	39
13) Acrolein	3.02	56	234	20.502	ug/l #	18
15) Acrylonitrile	4.18	53	275	8.954	ug/l #	11
16) Acetone	3.22	43	43619	805.570	ug/l #	83
18) Methyl Acetate	3.63	43	7597	74.073	ug/l	92
20) Methylene Chloride	3.82	84	5059	21.607	ug/l #	91
25) 2-Butanone	6.08	43	7560	141.369	ug/l #	58
29) Tetrahydrofuran	6.46	42	1076	43.180	ug/l #	74
31) Cyclohexane	7.06	56	648	2.694	ug/l #	69
36) 1,1-Dichloropropene	7.05	75	2057	4.463	ug/l #	42
37) Ethyl Acetate	6.17	43	549	2.843	ug/l #	73
38) Carbon Tetrachloride	7.05	117	2761	3.975	ug/l #	13
41) Methacrylonitrile	6.47	41	1944	7.995	ug/l #	37
51) 4-Methyl-2-Pentanone	10.29	43	180	1.017	ug/l #	40
52) Toluene	10.50	92	662	1.013	ug/l #	71
59) 2-Hexanone	11.54	43	511	3.968	ug/l #	30
65) Chlorobenzene	12.39	112	799	1.260	ug/l #	43
70) Styrene	13.07	104	701	1.057	ug/l #	29
74) N-amyl acetate	13.28	43	418	1.944	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	13.69	83	368	2.588	ug/l #	26
76) 1,2,3-Trichloropropane	13.73	75	248	1.604	ug/l #	44
77) Bromobenzene	13.66	156	547	2.336	ug/l	83
78) n-propylbenzene	13.77	91	1941	1.936	ug/l	86
79) 2-Chlorotoluene	13.84	91	1019	1.763	ug/l #	45
80) 1,3,5-Trimethylbenzene	13.93	105	942	1.258	ug/l #	31
81) trans-1,4-Dichloro-2-buten	13.56	75	6731	162.010	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.94	91	1257	1.809	ug/l #	44
83) tert-Butylbenzene	14.19	119	926	1.175	ug/l #	64
84) 1,2,4-Trimethylbenzene	14.24	105	1511	2.182	ug/l	90
85) sec-Butylbenzene	14.36	105	1913	2.285	ug/l #	62
86) p-Isopropyltoluene	14.49	119	2319	2.897	ug/l	85
87) 1,3-Dichlorobenzene	14.54	146	1627	3.842	ug/l	78
88) 1,4-Dichlorobenzene	14.54	146	1627	4.004	ug/l	75
89) n-Butylbenzene	14.80	91	1135	1.554	ug/l #	83
90) Hexachloroethane	15.14	117	232	1.153	ug/l #	12
91) 1,2-Dichlorobenzene	14.81	146	1233	3.431	ug/l	69
93) 1,2,4-Trichlorobenzene	15.95	180	2337	8.839	ug/l #	69
94) Hexachlorobutadiene	16.04	225	912	4.526	ug/l #	68
95) Naphthalene	16.13	128	6446	16.087	ug/l #	77
96) 1,2,3-Trichlorobenzene	16.27	180	2272	10.639	ug/l	83

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

