

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062379.D
 Acq On : 8 May 2019 16:08
 Operator : FY/SY
 Sample : K2673-09RE
 Misc : 5.05µ/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-15-1.0-1.5RE

Quant Time: May 09 05:01:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	31812	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	30974	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	16650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	4086	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	4282	14.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	28.48%	
35) Dibromofluoromethane	4.29	113	7260	29.42	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	58.84%	
50) Toluene-d8	7.69	98	23975	40.14	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	80.28%	
62) 4-Bromofluorobenzene	11.49	95	5576	20.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	41.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.15	50	356	1.466	ug/l #	42
5) Bromomethane	1.40	94	80	Below Cal	#	3
6) Chloroethane	1.37	64	135	1.109	ug/l #	41
11) Tert butyl alcohol	2.66	59	167	9.829	ug/l #	70
13) Acrolein	2.12	56	145	Below Cal	#	1
14) Allyl chloride	2.19	41	866	4.019	ug/l #	88
15) Acrylonitrile	3.10	53	300	9.321	ug/l #	10
16) Acetone	2.36	43	359	5.903	ug/l #	62
18) Methyl Acetate	2.48	43	1563	11.693	ug/l #	71
20) Methylene Chloride	2.29	84	1232	5.599	ug/l #	81
23) Vinyl Acetate	3.34	43	878	2.926	ug/l #	79
25) 2-Butanone	4.53	43	754	9.868	ug/l #	60
26) 2,2-Dichloropropane	3.74	77	306	1.346	ug/l	90
29) Tetrahydrofuran	4.24	42	389	11.078	ug/l #	36
37) Ethyl Acetate	4.30	43	322	Below Cal	#	72
38) Carbon Tetrachloride	4.11	117	60	Below Cal	#	45
41) Methacrylonitrile	4.92	41	545	8.542	ug/l #	50
43) Isopropyl Acetate	7.13	43	855	7.065	ug/l #	69
45) 1,2-Dichloropropane	6.35	63	173	1.304	ug/l #	43
48) Methyl methacrylate	6.87	41	516	6.033	ug/l #	17
51) 4-Methyl-2-Pentanone	8.17	43	313	3.413	ug/l	90
58) 2-Chloroethyl Vinyl ether	7.53	63	90	2.471	ug/l #	42
59) 2-Hexanone	9.68	43	175	2.759	ug/l	80
73) Isopropylbenzene	11.20	105	461	1.903	ug/l	98
74) N-amyl acetate	11.45	43	167	3.211	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.79	83	71	1.872	ug/l #	22
76) 1,2,3-Trichloropropane	11.86	75	147	5.080	ug/l #	100
77) Bromobenzene	11.44	156	69	1.085	ug/l #	1
78) n-propylbenzene	11.66	91	347	1.346	ug/l #	52
79) 2-Chlorotoluene	11.77	91	309	1.927	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.88	105	286	1.347	ug/l	82
81) trans-1,4-Dichloro-2-buten	11.95	75	105	9.654	ug/l #	92
83) tert-Butylbenzene	12.18	119	434	1.945	ug/l #	77
85) sec-Butylbenzene	12.35	105	351	1.292	ug/l #	57

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.51	119	680	2.695	ug/l #	65
90) Hexachloroethane	12.95	117	64	1.016	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.71	75	141	16.594	ug/l #	1

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

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