

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062377.D
 Acq On : 8 May 2019 15:12
 Operator : FY/SY
 Sample : K2673-05RE
 Misc : 5.10g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-13-15-2.0RE

Quant Time: May 09 05:00:55 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	32350	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	29071	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	14459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	3114	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	4256	13.92	ug/l	0.00
Spiked Amount				50.000		
Recovery						27.84%
35) Dibromofluoromethane	4.29	113	7311	31.57	ug/l	-0.02
Spiked Amount				50.000		
Recovery						63.14%
50) Toluene-d8	7.70	98	21459	38.28	ug/l	0.00
Spiked Amount				50.000		
Recovery						76.56%
62) 4-Bromofluorobenzene	11.48	95	3911	15.46	ug/l	0.00
Spiked Amount				50.000		
Recovery						30.92%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.15	50	506	2.049	ug/l #	10
5) Bromomethane	1.40	94	127	Below Cal		93
11) Tert butyl alcohol	2.66	59	172	9.955	ug/l #	70
12) 1,1-Dichloroethene	1.89	96	554	2.234	ug/l #	1
13) Acrolein	2.16	56	77	Below Cal	#	13
14) Allyl chloride	2.17	41	671	3.063	ug/l #	5
15) Acrylonitrile	3.10	53	76	2.322	ug/l #	1
16) Acetone	2.35	43	470	7.600	ug/l #	62
18) Methyl Acetate	2.48	43	1162	7.650	ug/l #	58
19) Methyl tert-butyl Ether	2.53	73	1218	2.379	ug/l #	63
23) Vinyl Acetate	3.39	43	728	2.385	ug/l #	79
25) 2-Butanone	4.49	43	461	5.933	ug/l #	1
26) 2,2-Dichloropropane	3.74	77	256	1.108	ug/l	88
29) Tetrahydrofuran	4.23	42	243	6.805	ug/l #	88
37) Ethyl Acetate	4.30	43	490	Below Cal	#	71
38) Carbon Tetrachloride	4.37	117	75	Below Cal	#	14
41) Methacrylonitrile	4.94	41	586	9.786	ug/l #	18
43) Isopropyl Acetate	7.08	43	392	3.451	ug/l #	78
46) Dibromomethane	6.25	93	159	1.540	ug/l #	16
48) Methyl methacrylate	6.85	41	251	3.127	ug/l #	1
49) 1,4-Dioxane	6.94	88	90	97.216	ug/l #	16
51) 4-Methyl-2-Pentanone	8.39	43	615	7.145	ug/l #	40
54) cis-1,3-Dichloropropene	7.42	75	246	1.082	ug/l #	32
58) 2-Chloroethyl Vinyl ether	7.58	63	64	1.873	ug/l #	42
59) 2-Hexanone	9.78	43	195	3.276	ug/l	84
67) Ethyl Benzene	10.02	91	501	1.196	ug/l #	42
68) m/p-Xylenes	10.25	106	167	1.080	ug/l #	6
69) o-Xylene	10.94	106	206	1.233	ug/l	60
73) Isopropylbenzene	11.20	105	776	4.203	ug/l #	69
74) N-amyl acetate	11.46	43	822	20.740	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	11.72	83	135	4.670	ug/l #	70
76) 1,2,3-Trichloropropane	11.87	75	166	7.527	ug/l #	100
77) Bromobenzene	11.57	156	72	1.486	ug/l #	1
78) n-propylbenzene	11.67	91	635	3.231	ug/l #	52

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.78	91	296	2.422	ug/l	72
80) 1,3,5-Trimethylbenzene	11.89	105	435	2.688	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.96	75	464	55.975	ug/l #	5
82) 4-Chlorotoluene	11.78	91	296	2.452	ug/l	72
83) tert-Butylbenzene	12.19	119	430	2.529	ug/l	83
84) 1,2,4-Trimethylbenzene	12.28	105	359	2.267	ug/l #	31
85) sec-Butylbenzene	12.36	105	255	1.232	ug/l	89
86) p-Isopropyltoluene	12.51	119	265	1.378	ug/l #	50
87) 1,3-Dichlorobenzene	12.52	146	373	4.215	ug/l #	35
90) Hexachloroethane	13.12	117	87	1.812	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.76	75	98	15.134	ug/l #	21
94) Hexachlorobutadiene	14.36	225	63	1.100	ug/l #	18

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

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