

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062391.D
 Acq On : 8 May 2019 21:44
 Operator : FY/SY
 Sample : K2672-07RE
 Misc : 5.05g/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-04-1.0-1.5RE

Quant Time: May 09 05:05:22 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	5.03	168	34474	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	30047	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	14265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	2435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	4381	13.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	26.90%	
35) Dibromofluoromethane	4.30	113	7164	29.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.86%	
50) Toluene-d8	7.70	98	21317	36.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.58%	
62) 4-Bromofluorobenzene	11.48	95	3644	13.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.88%	

Target Compounds

						Qvalue
3) Chloromethane	1.15	50	457	1.737	ug/l #	48
5) Bromomethane	1.41	94	135	Below Cal	#	3
11) Tert butyl alcohol	2.73	59	92	4.996	ug/l #	1
13) Acrolein	2.09	56	184	Below Cal	#	20
14) Allyl chloride	2.20	41	1023	4.382	ug/l #	48
15) Acrylonitrile	3.12	53	74	2.122	ug/l #	74
16) Acetone	2.34	43	600	9.104	ug/l #	62
18) Methyl Acetate	2.49	43	1742	12.121	ug/l #	58
20) Methylene Chloride	2.28	84	2198	9.218	ug/l #	73
25) 2-Butanone	4.54	43	280	3.382	ug/l #	60
27) cis-1,2-Dichloroethene	3.64	96	363	1.153	ug/l #	10
29) Tetrahydrofuran	4.29	42	310	8.146	ug/l #	36
37) Ethyl Acetate	4.32	43	425	Below Cal	#	73
38) Carbon Tetrachloride	4.23	117	75	Below Cal	#	14
39) Methylcyclohexane	5.76	83	522	2.016	ug/l #	57
41) Methacrylonitrile	4.95	41	547	8.838	ug/l #	43
43) Isopropyl Acetate	7.10	43	145	1.235	ug/l #	48
45) 1,2-Dichloropropane	6.42	63	138	1.072	ug/l #	43
48) Methyl methacrylate	6.84	41	284	3.423	ug/l #	31
49) 1,4-Dioxane	6.87	88	71	71.067	ug/l #	1
51) 4-Methyl-2-Pentanone	8.38	43	507	5.699	ug/l #	40
56) Ethyl methacrylate	8.76	69	387	3.294	ug/l #	31
58) 2-Chloroethyl Vinyl ether	7.41	63	101	2.859	ug/l #	42
59) 2-Hexanone	9.52	43	312	5.071	ug/l	64
73) Isopropylbenzene	11.21	105	296	2.050	ug/l #	50
74) N-amyl acetate	11.43	43	133	4.292	ug/l #	35
75) 1,1,2,2-Tetrachloroethane	11.86	83	66	2.920	ug/l #	22
76) 1,2,3-Trichloropropane	11.85	75	192	11.134	ug/l #	100
79) 2-Chlorotoluene	11.88	91	180	1.883	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.92	75	115	17.742	ug/l #	5
82) 4-Chlorotoluene	12.03	91	136	1.441	ug/l	85
83) tert-Butylbenzene	12.19	119	182	1.369	ug/l #	27
84) 1,2,4-Trimethylbenzene	12.26	105	199	1.607	ug/l #	31
85) sec-Butylbenzene	12.36	105	292	1.804	ug/l	97

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86) p-Isopropyltoluene	12.50	119	279	1.855	ug/l #	50
89) n-Butylbenzene	12.86	91	170	1.271	ug/l #	29
90) Hexachloroethane	13.02	117	100	2.663	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.70	75	185	36.535	ug/l #	1

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

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