

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062662.D
 Acq On : 20 May 2019 15:56
 Operator : FY/SY
 Sample : K2894-08
 Misc : 5.06g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-06-3-4

Quant Time: May 20 16:19:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	119625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	113604	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	38015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	3897	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.05	65	4039	4.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.56%	
35) Dibromofluoromethane	4.31	113	16712	19.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	38.44%	
50) Toluene-d8	7.72	98	52228	25.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.32%	
62) 4-Bromofluorobenzene	11.50	95	5236	6.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.30%	

Target Compounds

						Qvalue
3) Chloromethane	1.17	50	1572	1.049	ug/l	89
11) Tert butyl alcohol	2.72	59	1023	18.330	ug/l #	70
13) Acrolein	2.09	56	829	14.230	ug/l #	69
14) Allyl chloride	2.23	41	1185	1.218	ug/l #	56
15) Acrylonitrile	3.09	53	407	2.585	ug/l #	82
16) Acetone	2.44	43	528	2.408	ug/l	93
18) Methyl Acetate	2.44	43	528	1.532	ug/l #	52
25) 2-Butanone	4.55	43	606	1.293	ug/l	96
29) Tetrahydrofuran	4.29	42	601	3.170	ug/l #	52
37) Ethyl Acetate	4.33	43	493	1.037	ug/l #	49
41) Methacrylonitrile	4.96	41	1321	5.301	ug/l #	84
43) Isopropyl Acetate	7.12	43	1492	2.423	ug/l #	43
48) Methyl methacrylate	6.91	41	2483	7.715	ug/l #	16
49) 1,4-Dioxane	6.87	88	306	74.231	ug/l #	1
51) 4-Methyl-2-Pentanone	8.47	43	556	1.321	ug/l #	32
56) Ethyl methacrylate	8.78	69	763	1.301	ug/l #	48
58) 2-Chloroethyl Vinyl ether	7.46	63	321	1.681	ug/l #	51
59) 2-Hexanone	9.65	43	1233	Below Cal		63
73) Isopropylbenzene	11.26	105	380	1.361	ug/l	78
74) N-amyl acetate	11.46	43	1891	23.779	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	11.73	83	1250	21.899	ug/l #	23
76) 1,2,3-Trichloropropane	11.92	75	519	13.838	ug/l	91
78) n-propylbenzene	11.68	91	878	2.656	ug/l	91
79) 2-Chlorotoluene	11.74	91	420	2.255	ug/l	73
80) 1,3,5-Trimethylbenzene	11.89	105	513	2.291	ug/l #	22
81) trans-1,4-Dichloro-2-buten	12.08	75	792	47.507	ug/l	89
82) 4-Chlorotoluene	11.96	91	290	1.579	ug/l #	37
83) tert-Butylbenzene	12.21	119	288	1.268	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.28	105	390	1.799	ug/l	88
87) 1,3-Dichlorobenzene	12.54	146	182	1.449	ug/l	96
88) 1,4-Dichlorobenzene	12.54	146	182	1.544	ug/l	94
89) n-Butylbenzene	12.88	91	309	1.220	ug/l #	25
90) Hexachloroethane	12.91	117	565	9.165	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	13.68	75	194	28.490	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	90	1.123	ug/l #	11
94) Hexachlorobutadiene	14.25	225	66	1.180	ug/l #	16
96) 1,2,3-Trichlorobenzene	14.63	180	191	2.516	ug/l #	11

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

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