

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062668.D
 Acq On : 20 May 2019 18:45
 Operator : FY/SY
 Sample : K2880-02
 Misc : 5.71µ/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 RBR-251608

Quant Time: May 21 02:02:01 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	5.06	168	85027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	85686	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	37061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	4694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.05	65	5554	9.24	ug/l	0.01
Spiked Amount	50.000		Recovery	=	18.48%	
35) Dibromofluoromethane	4.32	113	15415	23.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	47.02%	
50) Toluene-d8	7.82	98	1598	1.02	ug/l	0.10
Spiked Amount	50.000		Recovery	=	2.04%	
62) 4-Bromofluorobenzene	11.50	95	6349	10.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.38%	

Target Compounds

					Qvalue
3) Chloromethane	1.12	50	2474	2.322	ug/l # 40
6) Chloroethane	1.35	64	1120	3.110	ug/l 92
8) Diethyl Ether	1.71	74	547	2.097	ug/l 67
11) Tert butyl alcohol	2.70	59	496	12.504	ug/l # 70
13) Acrolein	2.06	56	1186	28.642	ug/l # 82
15) Acrylonitrile	3.08	53	794	7.096	ug/l # 1
16) Acetone	2.21	43	1318	8.455	ug/l 90
18) Methyl Acetate	2.44	43	1973	8.055	ug/l # 62
20) Methylene Chloride	2.30	84	4436	5.678	ug/l # 83
25) 2-Butanone	4.55	43	1835	5.510	ug/l # 50
26) 2,2-Dichloropropane	3.80	77	1009	1.410	ug/l 84
29) Tetrahydrofuran	4.24	42	724	5.372	ug/l # 52
37) Ethyl Acetate	4.29	43	373	1.040	ug/l # 45
41) Methacrylonitrile	4.96	41	1819	9.678	ug/l # 55
43) Isopropyl Acetate	7.10	43	646	1.391	ug/l # 42
48) Methyl methacrylate	6.87	41	1154	4.754	ug/l # 34
49) 1,4-Dioxane	6.87	88	119	38.273	ug/l # 1
51) 4-Methyl-2-Pentanone	8.42	43	475	1.496	ug/l # 32
56) Ethyl methacrylate	8.75	69	648	1.464	ug/l # 55
58) 2-Chloroethyl Vinyl ether	7.46	63	166	1.152	ug/l # 51
59) 2-Hexanone	9.66	43	749	Below Cal	77
66) 1,1,1,2-Tetrachloroethane	10.18	131	353	1.208	ug/l 76
73) Isopropylbenzene	11.20	105	358	1.064	ug/l 85
74) N-ethyl acetate	11.46	43	928	6.103	ug/l # 52
75) 1,1,2,2-Tetrachloroethane	11.76	83	376	5.469	ug/l # 92
76) 1,2,3-Trichloropropane	12.01	75	242	5.357	ug/l 68
77) Bromobenzene	11.63	156	101	1.208	ug/l 59
78) n-propylbenzene	11.68	91	755	1.896	ug/l 93
79) 2-Chlorotoluene	11.80	91	279	1.243	ug/l # 39
81) trans-1,4-Dichloro-2-buten	11.95	75	375	18.675	ug/l # 12
82) 4-Chlorotoluene	11.98	91	354	1.600	ug/l # 37
84) 1,2,4-Trimethylbenzene	12.27	105	726	2.781	ug/l 73
85) sec-Butylbenzene	12.38	105	412	1.122	ug/l # 54
88) 1,4-Dichlorobenzene	12.63	146	150	1.056	ug/l # 41

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89) n-Butylbenzene	12.93	91	427	1.399	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	13.71	75	557	67.910	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.23	180	122	1.264	ug/l #	11
94) Hexachlorobutadiene	14.33	225	80	1.187	ug/l #	16
95) Naphthalene	14.48	128	218	1.243	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.60	180	144	1.575	ug/l #	11

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

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