

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061600.D
 Acq On : 11 Feb 2019 21:58
 Operator : VA/AP
 Sample : K1458-09RE
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-6RE

Quant Time: Feb 12 03:29:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.58	114	90	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	86	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	131	104.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.04%	
35) Dibromofluoromethane	4.11	113	64	90.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.24%	
50) Toluene-d8	7.54	98	144	74.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.02%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
3) Chloromethane	1.08	50	72	48.996	ug/l #	1
4) Vinyl Chloride	1.09	62	59	45.134	ug/l #	43
5) Bromomethane	1.30	94	411	482.155	ug/l #	2
6) Chloroethane	1.37	64	152	262.416	ug/l #	41
7) Trichlorofluoromethane	1.48	101	63	24.791	ug/l #	19
8) Diethyl Ether	1.65	74	63	193.475	ug/l	100
12) 1,1-Dichloroethene	1.80	96	136	149.914	ug/l #	1
13) Acrolein	1.91	56	76	1597.174	ug/l	89
14) Allyl chloride	2.05	41	361	198.774	ug/l #	34
15) Acrylonitrile	2.94	53	391	2863.626	ug/l #	14
16) Acetone	2.24	43	888	3514.958	ug/l #	61
18) Methyl Acetate	2.36	43	339	676.628	ug/l #	61
19) Methyl tert-butyl Ether	2.45	73	83	40.813	ug/l #	59
20) Methylene Chloride	2.10	84	211	253.182	ug/l #	12
21) trans-1,2-Dichloroethene	2.27	96	60	60.113	ug/l #	1
22) Diisopropyl ether	2.82	45	1056	327.101	ug/l #	83
23) Vinyl Acetate	3.25	43	87	63.679	ug/l #	78
24) 1,1-Dichloroethane	2.90	63	60	29.612	ug/l #	85
25) 2-Butanone	4.33	43	95	226.126	ug/l #	57
26) 2,2-Dichloropropane	3.51	77	85	68.280	ug/l #	61
27) cis-1,2-Dichloroethene	3.40	96	72	48.867	ug/l	1
28) Bromochloromethane	3.68	49	69	75.758	ug/l #	8
29) Tetrahydrofuran	4.00	42	195	1077.937	ug/l #	38
31) Cyclohexane	3.66	56	64	31.621	ug/l #	13
37) Ethyl Acetate	4.06	43	214	513.038	ug/l #	5
39) Methylcyclohexane	5.44	83	75	66.321	ug/l #	15
40) Benzene	4.56	78	181	77.951	ug/l #	52
41) Methacrylonitrile	4.73	41	143	644.281	ug/l #	31
43) Isopropyl Acetate	6.96	43	72	137.531	ug/l #	51
46) Dibromomethane	6.19	93	72	177.681	ug/l #	6
48) Methyl methacrylate	6.61	41	62	176.365	ug/l #	19
51) 4-Methyl-2-Pentanone	8.24	43	128	332.581	ug/l #	39
52) Toluene	7.64	92	82	53.626	ug/l #	1
53) t-1,3-Dichloropropene	8.16	75	102	128.122	ug/l #	44

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 2-Hexanone	9.44	43	145	540.285	ug/l #	26

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

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