

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020819\
 Data File : VF061578.D
 Acq On : 9 Feb 2019 00:58
 Operator : VA/AP
 Sample : K1390-07RE
 Misc : 5.97µ/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-05(8-9)RE

Quant Time: Feb 09 04:34:44 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	1525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	1735	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	1289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	247	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	95	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
35) Dibromofluoromethane	4.10	113	531	38.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.58%	
50) Toluene-d8	7.55	98	1886	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.39	95	263	15.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.02%	

Target Compounds						Qvalue
3) Chloromethane	1.11	50	76	3.459	ug/l #	1
4) Vinyl Chloride	1.14	62	60	3.070	ug/l #	43
5) Bromomethane	1.37	94	397	31.151	ug/l #	2
6) Chloroethane	1.39	64	67	7.737	ug/l #	1
8) Diethyl Ether	1.53	74	66	13.557	ug/l	65
10) Methyl Iodide	1.88	142	65	2.297	ug/l #	27
11) Tert butyl alcohol	2.58	59	67	84.070	ug/l #	64
12) 1,1-Dichloroethene	1.79	96	227	16.736	ug/l #	1
13) Acrolein	2.01	56	244	351.089	ug/l #	1
14) Allyl chloride	2.09	41	91	Below Cal	#	49
15) Acrylonitrile	2.91	53	376	184.186	ug/l #	47
16) Acetone	2.28	43	669	177.118	ug/l	99
17) Carbon Disulfide	1.86	76	72	1.702	ug/l #	69
18) Methyl Acetate	2.32	43	251	33.508	ug/l #	61
19) Methyl tert-butyl Ether	2.45	73	66	2.171	ug/l #	59
20) Methylene Chloride	2.08	84	111	7.151	ug/l #	1
21) trans-1,2-Dichloroethene	2.26	96	68	4.557	ug/l #	1
22) Diisopropyl ether	2.82	45	429	8.888	ug/l #	43
23) Vinyl Acetate	3.16	43	203	12.633	ug/l #	78
24) 1,1-Dichloroethane	2.90	63	90	2.971	ug/l #	85
25) 2-Butanone	4.32	43	430	68.458	ug/l #	57
26) 2,2-Dichloropropane	3.63	77	74	3.976	ug/l #	61
27) cis-1,2-Dichloroethene	3.50	96	75	3.405	ug/l	1
29) Tetrahydrofuran	4.05	42	60	22.184	ug/l #	38
31) Cyclohexane	3.74	56	63	2.082	ug/l #	13
37) Ethyl Acetate	4.09	43	111	13.804	ug/l #	5
39) Methylcyclohexane	5.54	83	62	2.844	ug/l #	15
41) Methacrylonitrile	4.73	41	159	37.160	ug/l #	29
43) Isopropyl Acetate	6.92	43	171	16.944	ug/l #	51
44) Trichloroethene	5.61	130	80	5.826	ug/l	1
48) Methyl methacrylate	6.68	41	170	25.085	ug/l #	48
51) 4-Methyl-2-Pentanone	8.23	43	396	53.373	ug/l #	39
59) 2-Hexanone	9.48	43	168	32.472	ug/l #	26
66) 1,1,1,2-Tetrachloroethane	10.07	131	70	6.704	ug/l #	8

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67) Ethyl Benzene	9.96	91	80	1.670	ug/l #	46
73) Isopropylbenzene	11.01	105	64	3.186	ug/l #	50
74) N-amyl acetate	11.40	43	74	15.578	ug/l #	47
76) 1,2,3-Trichloropropane	11.81	75	78	30.332	ug/l #	42
78) n-propylbenzene	11.55	91	77	3.023	ug/l #	54
79) 2-Chlorotoluene	11.55	91	77	5.524	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.95	105	68	4.194	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.81	75	78	69.776	ug/l #	19
84) 1,2,4-Trimethylbenzene	12.21	105	63	3.773	ug/l #	28
85) sec-Butylbenzene	12.21	105	63	2.765	ug/l #	56

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

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