Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011019\
Data File : VF061352.D
Acq On : 10 Jan 2019 19:09
Operator : VA/AP
Sample : K1100-01
Misc : 5.04g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SOIL-DRUM-A

Quant Time: Jan 11 00:32:36 2019
Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	4353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	4834	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	3601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	1048	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	642	13.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 26.50%			
35) Dibromofluoromethane	4.11	113	1161	31.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 62.78%			
50) Toluene-d8	7.55	98	6286	57.43	ug/l	-0.01
Spiked Amount 50.000			Recovery = 114.86%			
62) 4-Bromofluorobenzene	11.41	95	1799	37.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 75.28%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.00	62	65	1.017	ug/l #	43
5) Bromomethane	1.27	94	457	10.737	ug/l #	6
6) Chloroethane	1.50	64	70	2.243	ug/l #	1
8) Diethyl Ether	1.76	74	147	9.240	ug/l	93
11) Tert butyl alcohol	2.55	59	65	33.507	ug/l #	1
12) 1,1-Dichloroethene	1.76	96	67	1.465	ug/l #	1
13) Acrolein	1.95	56	467	218.726	ug/l	90
14) Allyl chloride	2.07	41	239	2.858	ug/l #	72
15) Acrylonitrile	2.95	53	362	52.640	ug/l #	29
16) Acetone	2.22	43	177	15.704	ug/l #	55
18) Methyl Acetate	2.37	43	865	39.007	ug/l #	65
20) Methylene Chloride	2.20	84	97	2.034	ug/l #	5
21) trans-1,2-Dichloroethene	2.43	96	90	1.857	ug/l #	1
22) Diisopropyl ether	2.81	45	459	2.838	ug/l #	54
23) Vinyl Acetate	3.16	43	675	14.269	ug/l #	77
24) 1,1-Dichloroethane	2.89	63	117	1.250	ug/l #	87
25) 2-Butanone	4.31	43	80	4.410	ug/l #	56
29) Tetrahydrofuran	4.06	42	61	8.042	ug/l #	36
30) Chloroform	3.86	83	130	1.094	ug/l #	16
37) Ethyl Acetate	4.12	43	114	5.546	ug/l #	1
41) Methacrylonitrile	4.76	41	137	11.934	ug/l #	24
42) 1,2-Dichloroethane	4.88	62	78	1.901	ug/l	76
43) Isopropyl Acetate	6.96	43	63	2.321	ug/l #	45
48) Methyl methacrylate	6.70	41	73	4.144	ug/l #	21
51) 4-Methyl-2-Pentanone	8.22	43	317	15.475	ug/l #	38
52) Toluene	7.63	92	136	1.606	ug/l	98
55) 1,1,2-Trichloroethane	8.43	97	69	2.911	ug/l #	15
56) Ethyl methacrylate	8.64	69	67	2.529	ug/l #	6
59) 2-Hexanone	9.52	43	158	10.887	ug/l #	27
67) Ethyl Benzene	9.90	91	3406	24.293	ug/l	90
68) m/p-Xylenes	10.14	106	3576	73.120	ug/l	97
69) o-Xylene	10.71	106	2223	40.691	ug/l	84
71) Bromoform	10.71	173	62	5.113	ug/l #	29
73) Isopropylbenzene	11.16	105	516	5.595	ug/l #	49

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) N-amyl acetate	11.39	43	153	7.299	ug/l	#	36
75) 1,1,2,2-Tetrachloroethane	11.70	83	331	22.637	ug/l	#	25
76) 1,2,3-Trichloropropane	11.65	75	65	6.061	ug/l	#	40
78) n-propylbenzene	11.58	91	311	2.829	ug/l	#	55
79) 2-Chlorotoluene	11.71	91	621	10.137	ug/l	#	41
80) 1,3,5-Trimethylbenzene	11.82	105	1149	15.658	ug/l		71
81) trans-1,4-Dichloro-2-buten	12.01	75	76	16.217	ug/l	#	17
82) 4-Chlorotoluene	11.92	91	420	6.747	ug/l	#	42
83) tert-Butylbenzene	12.20	119	409	5.595	ug/l	#	1
84) 1,2,4-Trimethylbenzene	12.21	105	2422	33.245	ug/l		92
85) sec-Butylbenzene	12.30	105	288	2.767	ug/l	#	57
86) p-Isopropyltoluene	12.48	119	154	1.819	ug/l	#	1
89) n-Butylbenzene	12.81	91	343	3.943	ug/l	#	61
90) Hexachloroethane	12.83	117	60	3.098	ug/l	#	23
91) 1,2-Dichlorobenzene	12.87	146	60	1.755	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.34	180	62	2.635	ug/l	#	12
95) Naphthalene	14.47	128	895	20.181	ug/l	#	70
96) 1,2,3-Trichlorobenzene	14.61	180	85	3.834	ug/l	#	1

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

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