Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\
Data File : VF061309.D
Acq On : 9 Jan 2019 19:03
Operator : VA/AP
Sample : K1082-32
Misc : 4.36g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SP-1-6

Quant Time: Jan 10 05:58:18 2019
Quant Method : Z:\VOASRV\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	4.90	168	9256	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.62	114	13278	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	8826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	2455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	1888	18.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 36.66%			
35) Dibromofluoromethane	4.12	113	3608	35.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.02%			
50) Toluene-d8	7.57	98	12323	40.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.98%			
62) 4-Bromofluorobenzene	11.42	95	2933	22.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 44.68%			
Target Compounds						Qvalue
5) Bromomethane	1.30	94	943	10.501	ug/l #	6
6) Chloroethane	1.38	64	92	1.386	ug/l #	12
8) Diethyl Ether	1.75	74	97	2.868	ug/l	78
11) Tert butyl alcohol	2.56	59	88	21.334	ug/l #	58
12) 1,1-Dichloroethene	1.78	96	103	1.059	ug/l #	1
13) Acrolein	2.01	56	151	13.626	ug/l #	1
14) Allyl chloride	2.14	41	1075	6.047	ug/l #	52
15) Acrylonitrile	2.94	53	330	22.568	ug/l #	30
16) Acetone	2.39	43	421	17.566	ug/l	91
18) Methyl Acetate	2.33	43	573	12.152	ug/l #	65
19) Methyl tert-butyl Ether	2.42	73	201	1.084	ug/l #	19
20) Methylene Chloride	2.19	84	684	6.746	ug/l #	85
21) trans-1,2-Dichloroethene	2.33	96	234	2.270	ug/l #	1
23) Vinyl Acetate	3.19	43	756	7.516	ug/l #	77
25) 2-Butanone	4.38	43	453	11.744	ug/l #	56
29) Tetrahydrofuran	4.07	42	137	8.495	ug/l #	49
37) Ethyl Acetate	4.15	43	304	5.384	ug/l #	1
41) Methacrylonitrile	4.76	41	93	2.949	ug/l #	28
48) Methyl methacrylate	6.75	41	63	1.302	ug/l #	21
49) 1,4-Dioxane	6.96	88	70	229.265	ug/l #	15
51) 4-Methyl-2-Pentanone	8.29	43	204	3.625	ug/l #	38
58) 2-Chloroethyl Vinyl ether	7.39	63	63	20.316	ug/l #	56
59) 2-Hexanone	9.48	43	504	12.643	ug/l #	27
74) N-amyl acetate	11.37	43	211	4.297	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	11.79	83	60	1.752	ug/l #	25
76) 1,2,3-Trichloropropane	11.65	75	65	2.587	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.02	75	78	7.105	ug/l #	17

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

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