Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011019\
Data File : VF061359.D
Acq On : 10 Jan 2019 22:30
Operator : VA/AP
Sample : K1099-05
Misc : 5.21g/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-16

Quant Time: Jan 11 00:33:47 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	4.87	168	11861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	15193	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	9245	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	2447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	2833	21.46	ug/l	-0.01
Spiked Amount 50.000			Recovery = 42.92%			
35) Dibromofluoromethane	4.11	113	4326	37.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.42%			
50) Toluene-d8	7.55	98	16541	48.08	ug/l	-0.01
Spiked Amount 50.000			Recovery = 96.16%			
62) 4-Bromofluorobenzene	11.41	95	3552	23.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 47.30%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	366	1.877	ug/l #	40
5) Bromomethane	1.27	94	311	4.839	ug/l #	68
8) Diethyl Ether	1.67	74	212	4.891	ug/l	73
12) 1,1-Dichloroethene	1.76	96	136	1.091	ug/l #	1
13) Acrolein	2.00	56	88	Below Cal	#	1
14) Allyl chloride	2.06	41	1039	4.561	ug/l #	52
15) Acrylonitrile	2.93	53	652	34.795	ug/l #	12
16) Acetone	2.28	43	187	6.089	ug/l	97
18) Methyl Acetate	2.35	43	240	3.972	ug/l #	65
20) Methylene Chloride	2.18	84	241	1.855	ug/l #	50
21) trans-1,2-Dichloroethene	2.30	96	151	1.143	ug/l #	1
22) Diisopropyl ether	2.80	45	515	1.168	ug/l #	1
23) Vinyl Acetate	3.17	43	491	3.809	ug/l #	77
25) 2-Butanone	4.35	43	441	8.922	ug/l #	56
29) Tetrahydrofuran	4.08	42	206	9.968	ug/l #	36
37) Ethyl Acetate	4.12	43	143	2.213	ug/l #	1
39) Methylcyclohexane	5.59	83	306	1.378	ug/l #	15
41) Methacrylonitrile	4.74	41	263	7.289	ug/l #	44
43) Isopropyl Acetate	6.96	43	122	1.430	ug/l #	45
45) 1,2-Dichloropropane	6.16	63	120	1.139	ug/l #	43
48) Methyl methacrylate	6.72	41	152	2.745	ug/l #	21
51) 4-Methyl-2-Pentanone	8.29	43	357	5.545	ug/l #	38
59) 2-Hexanone	9.48	43	77	1.688	ug/l #	27
74) N-amyl acetate	11.36	43	60	1.226	ug/l #	48
76) 1,2,3-Trichloropropane	11.65	75	68	2.716	ug/l #	40
84) 1,2,4-Trimethylbenzene	12.20	105	544	3.198	ug/l #	28
85) sec-Butylbenzene	12.20	105	544	2.238	ug/l #	57

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

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