Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF031819\
Data File : VF062005.D
Acq On : 18 Mar 2019 18:55
Operator : VA/AP
Sample : K1958-03
Misc : 8.99g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TP-2

Quant Time: Mar 19 01:24:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.71	168	61	50.00	ug/l	-0.16
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.60
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.77
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.55
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.62	65	70	159.42	ug/l	-0.22
Spiked Amount 50.000			Recovery = 318.84%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	84	127.113	ug/l #	46
4) Vinyl Chloride	1.22	62	72	112.654	ug/l #	40
5) Bromomethane	1.28	94	1060	2360.898	ug/l #	3
6) Chloroethane	1.25	64	64	193.975	ug/l #	40
8) Diethyl Ether	1.58	74	118	626.880	ug/l	57
10) Methyl Iodide	1.87	142	62	59.379	ug/l #	36
11) Tert butyl alcohol	2.55	59	69	2568.012	ug/l #	71
12) 1,1-Dichloroethene	1.78	96	62	120.425	ug/l #	1
13) Acrolein	1.94	56	574	19789.074	ug/l	88
14) Allyl chloride	1.98	41	228	346.932	ug/l #	17
15) Acrylonitrile	2.84	53	74	905.670	ug/l #	46
16) Acetone	2.14	43	1637	16602.067	ug/l #	50
17) Carbon Disulfide	1.80	76	79	53.057	ug/l #	1
18) Methyl Acetate	2.34	43	338	1675.548	ug/l #	63
19) Methyl tert-butyl Ether	2.33	73	69	73.963	ug/l #	58
21) trans-1,2-Dichloroethene	2.26	96	175	325.721	ug/l #	1
22) Diisopropyl ether	2.69	45	524	331.485	ug/l #	21
23) Vinyl Acetate	3.07	43	1827	2931.852	ug/l #	77
24) 1,1-Dichloroethane	2.80	63	64	69.629	ug/l #	86
25) 2-Butanone	4.18	43	82	419.914	ug/l #	51
26) 2,2-Dichloropropane	3.33	77	62	143.005	ug/l #	54
29) Tetrahydrofuran	3.97	42	64	753.602	ug/l #	33
31) Cyclohexane	3.69	56	60	66.627	ug/l #	16

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

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