Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
Data File : VF061093.D
Acq On : 19 Dec 2018 19:05
Operator : VA/AP
Sample : J6464-04
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VB16202

Quant Time: Dec 20 02:24:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 00:56:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	6900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	9763	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.78	117	5625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	1129	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	1085	12.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 24.46%			
35) Dibromofluoromethane	4.10	113	2188	27.98	ug/l	-0.01
Spiked Amount 50.000			Recovery = 55.96%			
50) Toluene-d8	7.56	98	6106	27.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 55.10%			
62) 4-Bromofluorobenzene	11.41	95	1590	15.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 31.12%			
Target Compounds						Qvalue
3) Chloromethane	1.13	50	249	2.834	ug/l #	42
4) Vinyl Chloride	1.18	62	94	1.153	ug/l #	37
5) Bromomethane	1.33	94	231	4.086	ug/l #	3
6) Chloroethane	1.49	64	220	5.858	ug/l #	41
8) Diethyl Ether	1.46	74	105	4.927	ug/l	67
11) Tert butyl alcohol	2.51	59	111	30.995	ug/l #	1
12) 1,1-Dichloroethene	1.76	96	299	4.916	ug/l #	1
13) Acrolein	1.99	56	367	141.819	ug/l	90
14) Allyl chloride	2.09	41	347	5.482	ug/l #	67
15) Acrylonitrile	2.95	53	546	65.932	ug/l #	37
16) Acetone	2.25	43	560	31.565	ug/l	98
18) Methyl Acetate	2.35	43	457	12.451	ug/l #	66
19) Methyl tert-butyl Ether	2.44	73	156	1.155	ug/l #	59
20) Methylene Chloride	2.32	84	71	Below Cal	#	1
22) Diisopropyl ether	2.78	45	363	1.722	ug/l #	1
23) Vinyl Acetate	3.20	43	258	2.653	ug/l #	78
25) 2-Butanone	4.37	43	174	6.047	ug/l #	57
27) cis-1,2-Dichloroethene	3.43	96	139	1.396	ug/l	1
29) Tetrahydrofuran	4.06	42	98	8.368	ug/l #	37
31) Cyclohexane	3.70	56	149	1.149	ug/l #	13
37) Ethyl Acetate	4.12	43	166	2.971	ug/l #	21
41) Methacrylonitrile	4.78	41	244	9.804	ug/l #	27
43) Isopropyl Acetate	6.97	43	249	4.376	ug/l #	45
45) 1,2-Dichloropropane	6.29	63	137	1.987	ug/l #	44
48) Methyl methacrylate	6.73	41	65	1.636	ug/l #	9
51) 4-Methyl-2-Pentanone	8.27	43	112	2.870	ug/l #	38
52) Toluene	7.62	92	252	1.502	ug/l	87
55) 1,1,2-Trichloroethane	8.55	97	67	1.332	ug/l #	12
56) Ethyl methacrylate	8.60	69	69	1.268	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.35	63	79	7.559	ug/l #	50
59) 2-Hexanone	9.54	43	172	6.095	ug/l #	27
61) 1,2-Dibromoethane	9.01	107	60	1.117	ug/l #	4
74) N-amyl acetate	11.35	43	308	14.259	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.82	83	63	3.902	ug/l #	23

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.81	75	62	5.159 ug/l #	39
79) 2-Chlorotoluene	11.66	91	137	2.053 ug/l #	42
81) trans-1,4-Dichloro-2-buten	11.81	75	62	12.007 ug/l #	11
87) 1,3-Dichlorobenzene	12.57	146	63	Below Cal #	25
88) 1,4-Dichlorobenzene	12.57	146	63	1.638 ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	13.71	75	70	23.624 ug/l #	2

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

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