Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121918\
Data File : VF061094.D
Acq On : 19 Dec 2018 19:34
Operator : VA/AP
Sample : J6388-14
Misc : 4.18g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P001-SS011-0006-01

Quant Time: Dec 20 02:25:08 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	4.87	168	6318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	7713	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	4169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	781	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	1155	14.21	ug/l	0.01
Spiked Amount 50.000			Recovery = 28.42%			
35) Dibromofluoromethane	4.11	113	1983	32.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.18%			
50) Toluene-d8	7.56	98	6682	38.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.32%			
62) 4-Bromofluorobenzene	11.41	95	1234	15.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 30.58%			
Target Compounds						Qvalue
3) Chloromethane	1.12	50	100	1.243	ug/l #	42
4) Vinyl Chloride	1.21	62	88	1.179	ug/l #	37
5) Bromomethane	1.35	94	816	15.764	ug/l #	42
6) Chloroethane	1.41	64	72	2.094	ug/l #	26
8) Diethyl Ether	1.69	74	61	3.126	ug/l #	21
11) Tert butyl alcohol	2.64	59	67	20.432	ug/l #	65
12) 1,1-Dichloroethene	1.81	96	183	3.286	ug/l #	1
13) Acrolein	2.00	56	533	224.940	ug/l	94
14) Allyl chloride	2.08	41	463	7.989	ug/l #	41
15) Acrylonitrile	2.95	53	205	27.035	ug/l #	74
16) Acetone	2.18	43	472	29.055	ug/l	94
18) Methyl Acetate	2.30	43	429	12.764	ug/l #	66
20) Methylene Chloride	2.30	84	67	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.32	96	91	1.528	ug/l #	1
22) Diisopropyl ether	2.80	45	488	2.528	ug/l #	1
23) Vinyl Acetate	3.20	43	201	2.257	ug/l #	78
24) 1,1-Dichloroethane	2.89	63	130	1.137	ug/l #	88
25) 2-Butanone	4.35	43	375	14.234	ug/l #	57
26) 2,2-Dichloropropane	3.59	77	73	1.112	ug/l #	62
29) Tetrahydrofuran	4.08	42	185	17.252	ug/l #	37
37) Ethyl Acetate	4.10	43	285	6.713	ug/l #	21
41) Methacrylonitrile	4.71	41	400	20.344	ug/l #	27
43) Isopropyl Acetate	6.90	43	346	7.697	ug/l #	45
45) 1,2-Dichloropropane	6.08	63	82	1.505	ug/l #	44
48) Methyl methacrylate	6.76	41	376	11.981	ug/l #	19
49) 1,4-Dioxane	6.89	88	75	329.364	ug/l #	20
51) 4-Methyl-2-Pentanone	8.26	43	63	2.043	ug/l #	38
53) t-1,3-Dichloropropene	8.20	75	75	1.013	ug/l #	42
55) 1,1,2-Trichloroethane	8.44	97	64	1.611	ug/l #	12
56) Ethyl methacrylate	8.54	69	62	1.442	ug/l #	43
57) 1,3-Dichloropropane	8.73	76	98	1.364	ug/l #	42
59) 2-Hexanone	9.46	43	272	12.200	ug/l #	27
68) m/p-Xylenes	10.00	106	71	1.286	ug/l #	1
74) N-amyl acetate	11.37	43	304	20.345	ug/l #	46

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) 1,1,2,2-Tetrachloroethane	11.67	83	83	7.431	ug/l	#	23
76) 1,2,3-Trichloropropane	11.90	75	73	8.782	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.90	75	73	20.436	ug/l	#	11
84) 1,2,4-Trimethylbenzene	12.30	105	76	1.375	ug/l	#	29
85) sec-Butylbenzene	12.30	105	76	1.021	ug/l	#	58
90) Hexachloroethane	12.97	117	69	4.521	ug/l	#	27
96) 1,2,3-Trichlorobenzene	14.48	180	70	4.122	ug/l	#	12

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

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