Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF043019\
Data File : VF062335.D
Acq On : 30 Apr 2019 15:59
Operator : FY/SY
Sample : K2617-01RE
Misc : 5.10g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : ROCK-COMPRE

Quant Time: May 01 02:53:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	9971	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.77	114	7495	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	4597	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	425	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	1296	16.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 32.10%			
35) Dibromofluoromethane	4.28	113	1677	30.18	ug/l	-0.04
Spiked Amount 50.000			Recovery = 60.36%			
50) Toluene-d8	7.71	98	5882	43.33	ug/l	-0.02
Spiked Amount 50.000			Recovery = 86.66%			
62) 4-Bromofluorobenzene	11.48	95	1132	20.23	ug/l	-0.03
Spiked Amount 50.000			Recovery = 40.46%			
Target Compounds						Qvalue
3) Chloromethane	1.14	50	407	4.077	ug/l #	55
4) Vinyl Chloride	1.02	62	193	2.041	ug/l #	44
5) Bromomethane	1.37	94	291	4.533	ug/l #	6
6) Chloroethane	1.43	64	61	1.472	ug/l #	1
8) Diethyl Ether	1.71	74	270	9.921	ug/l	47
11) Tert butyl alcohol	2.70	59	224	45.848	ug/l #	71
12) 1,1-Dichloroethene	1.88	96	186	2.211	ug/l #	1
13) Acrolein	2.06	56	111	31.683	ug/l #	10
14) Allyl chloride	2.17	41	625	6.827	ug/l #	1
15) Acrylonitrile	3.05	53	350	25.865	ug/l #	46
16) Acetone	2.33	43	351	19.410	ug/l #	56
18) Methyl Acetate	2.43	43	391	9.185	ug/l #	65
19) Methyl tert-butyl Ether	2.55	73	976	6.086	ug/l #	57
20) Methylene Chloride	2.30	84	209	Below Cal	#	43
22) Diisopropyl ether	2.91	45	618	2.508	ug/l #	43
23) Vinyl Acetate	3.35	43	564	5.161	ug/l #	78
25) 2-Butanone	4.51	43	677	23.611	ug/l #	57
26) 2,2-Dichloropropane	3.71	77	301	4.121	ug/l	85
27) cis-1,2-Dichloroethene	3.65	96	278	2.641	ug/l #	1
28) Bromochloromethane	3.85	49	131	2.210	ug/l #	50
29) Tetrahydrofuran	4.27	42	236	18.732	ug/l #	37
37) Ethyl Acetate	4.29	43	281	9.660	ug/l #	1
38) Carbon Tetrachloride	4.10	117	83	1.181	ug/l #	12
40) Benzene	4.81	78	523	3.131	ug/l #	86
41) Methacrylonitrile	4.91	41	403	24.937	ug/l #	37
42) 1,2-Dichloroethane	5.14	62	140	2.645	ug/l #	76
43) Isopropyl Acetate	7.08	43	354	11.714	ug/l #	77
45) 1,2-Dichloropropane	6.63	63	131	3.478	ug/l #	45
46) Dibromomethane	6.34	93	64	2.353	ug/l #	1
47) Bromodichloromethane	6.56	83	66	1.032	ug/l #	23
48) Methyl methacrylate	6.88	41	578	27.120	ug/l #	43
49) 1,4-Dioxane	7.04	88	60	244.483	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	229	9.991	ug/l #	51
52) Toluene	7.77	92	665	6.898	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) t-1,3-Dichloropropene	8.42	75	158	3.360	ug/l	#	41
54) cis-1,3-Dichloropropene	7.48	75	141	2.341	ug/l	#	1
55) 1,1,2-Trichloroethane	8.63	97	97	3.543	ug/l	#	14
56) Ethyl methacrylate	8.73	69	188	6.250	ug/l	#	1
57) 1,3-Dichloropropane	8.99	76	59	1.371	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	7.47	63	62	6.774	ug/l	#	1
59) 2-Hexanone	9.70	43	348	11.324	ug/l		100
60) Dibromochloromethane	9.03	129	72	1.620	ug/l	#	11
61) 1,2-Dibromoethane	9.08	107	153	4.828	ug/l	#	40
64) Tetrachloroethene	8.32	164	77	2.003	ug/l	#	1
65) Chlorobenzene	9.92	112	571	6.797	ug/l	#	41
66) 1,1,1,2-Tetrachloroethane	10.05	131	81	2.047	ug/l	#	1
67) Ethyl Benzene	10.02	91	1580	10.819	ug/l		98
68) m/p-Xylenes	10.26	106	874	16.074	ug/l		77
69) o-Xylene	10.81	106	483	7.951	ug/l		67
70) Styrene	10.88	104	539	6.138	ug/l	#	76
73) Isopropylbenzene	11.19	105	1611	55.325	ug/l		96
74) N-amyl acetate	11.48	43	421	62.749	ug/l	#	47
75) 1,1,2,2-Tetrachloroethane	11.87	83	64	13.834	ug/l	#	58
76) 1,2,3-Trichloropropane	11.83	75	66	20.108	ug/l	#	100
77) Bromobenzene	11.57	156	231	31.733	ug/l	#	45
78) n-propylbenzene	11.66	91	1500	48.957	ug/l		93
79) 2-Chlorotoluene	11.79	91	1083	58.682	ug/l	#	50
80) 1,3,5-Trimethylbenzene	11.88	105	591	24.042	ug/l	#	52
81) trans-1,4-Dichloro-2-buten	11.94	75	338	230.376	ug/l	#	7
82) 4-Chlorotoluene	12.08	91	271	14.840	ug/l		82
83) tert-Butylbenzene	12.18	119	889	35.239	ug/l		74
84) 1,2,4-Trimethylbenzene	12.25	105	513	21.547	ug/l		78
85) sec-Butylbenzene	12.36	105	1046	33.289	ug/l	#	70
86) p-Isopropyltoluene	12.52	119	961	34.113	ug/l		89
87) 1,3-Dichlorobenzene	12.54	146	415	32.224	ug/l	#	65
88) 1,4-Dichlorobenzene	12.62	146	159	13.021	ug/l	#	77
89) n-Butylbenzene	12.90	91	104	4.063	ug/l	#	78
90) Hexachloroethane	12.97	117	416	58.910	ug/l		99
91) 1,2-Dichlorobenzene	12.99	146	241	19.495	ug/l	#	24
92) 1,2-Dibromo-3-Chloropropan	13.70	75	63	67.504	ug/l	#	34
94) Hexachlorobutadiene	14.21	225	134	17.157	ug/l	#	51
95) Naphthalene	14.48	128	251	14.918	ug/l	#	69
96) 1,2,3-Trichlorobenzene	14.63	180	72	7.010	ug/l	#	11

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

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