Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF071918\
Data File : VF059545.D
Acq On : 19 Jul 2018 7:46
Operator : VA/AP
Sample : VF0719SBS01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jul 19 08:47:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 18 04:09:10 2018
Response via : Initial Calibration

Instrument : MSVOA_F
ClientSampleId : VF0719SBS01

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	225695	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	340559	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	345304	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	223978	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	191682	54.61	ug/l	-0.03
Spiked Amount 50.000			Recovery = 109.22%			
35) Dibromofluoromethane	4.28	113	149857	50.81	ug/l	-0.03
Spiked Amount 50.000			Recovery = 101.62%			
50) Toluene-d8	7.70	98	344269	46.34	ug/l	-0.03
Spiked Amount 50.000			Recovery = 92.68%			
62) 4-Bromofluorobenzene	11.50	95	211942	54.38	ug/l	-0.02
Spiked Amount 50.000			Recovery = 108.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.99	85	60741	21.97	ug/l	99
3) Chloromethane	1.08	50	29879	19.64	ug/l	90
4) Vinyl Chloride	1.14	62	32793	21.36	ug/l	94
5) Bromomethane	1.33	94	27804	26.13	ug/l	93
6) Chloroethane	1.42	64	20254	26.16	ug/l	97
7) Trichlorofluoromethane	1.48	101	72832m	19.38	ug/l	
8) Diethyl Ether	1.70	74	14818	20.49	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.89	101	45863	28.90	ug/l #	92
10) Methyl Iodide	1.95	142	80370	28.93	ug/l	87
11) Tert butyl alcohol	2.68	59	18476	117.50	ug/l #	83
12) 1,1-Dichloroethene	1.85	96	36761	21.79	ug/l	87
13) Acrolein	2.09	56	7623	88.01	ug/l	91
14) Allyl chloride	2.18	41	59765	28.38	ug/l	81
15) Acrylonitrile	3.07	53	30683	104.19	ug/l	90
16) Acetone	2.34	43	67175	113.03	ug/l	94
17) Carbon Disulfide	1.83	76	93401	21.60	ug/l	95
18) Methyl Acetate	2.44	43	21734m	18.36	ug/l	
19) Methyl tert-butyl Ether	2.53	73	105883	20.00	ug/l	96
20) Methylene Chloride	2.27	84	42344	24.39	ug/l #	85
21) trans-1,2-Dichloroethene	2.41	96	35640	22.84	ug/l #	76
22) Diisopropyl ether	2.92	45	126748	21.42	ug/l	93
23) Vinyl Acetate	3.32	43	346462	100.18	ug/l	97
24) 1,1-Dichloroethane	3.00	63	91627	25.07	ug/l	98
25) 2-Butanone	4.50	43	76911	94.38	ug/l	98
26) 2,2-Dichloropropane	3.76	77	59412	24.57	ug/l	96
27) cis-1,2-Dichloroethene	3.62	96	45753	25.20	ug/l	95
28) Bromochloromethane	3.88	49	34968	21.74	ug/l #	92
29) Tetrahydrofuran	4.25	42	36898	98.28	ug/l	93
30) Chloroform	4.02	83	117933	22.34	ug/l	98
31) Cyclohexane	3.85	56	49694	26.25	ug/l	100
32) 1,1,1-Trichloroethane	4.26	97	96870	28.23	ug/l	96
36) 1,1-Dichloropropene	4.45	75	74952	21.99	ug/l	98
37) Ethyl Acetate	4.27	43	42162	19.46	ug/l #	1
38) Carbon Tetrachloride	4.16	117	107781m	27.59	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.62	83	62806	24.28	ug/l		95
40) Benzene	4.80	78	141296	21.37	ug/l		100
41) Methacrylonitrile	4.91	41	16681	17.06	ug/l	#	83
42) 1,2-Dichloroethane	5.11	62	96076	22.12	ug/l		97
43) Isopropyl Acetate	7.11	43	44969	18.36	ug/l	#	97
44) Trichloroethene	5.67	130	53534	21.87	ug/l		98
45) 1,2-Dichloropropane	6.40	63	40155	21.88	ug/l		99
46) Dibromomethane	6.24	93	37317	22.32	ug/l		90
47) Bromodichloromethane	6.54	83	98288	22.84	ug/l		97
48) Methyl methacrylate	6.86	41	29179	16.68	ug/l		92
49) 1,4-Dioxane	6.86	88	3467	400.05	ug/l	#	60
51) 4-Methyl-2-Pentanone	8.40	43	167096	96.24	ug/l		94
52) Toluene	7.77	92	103687	21.62	ug/l		98
53) t-1,3-Dichloropropene	8.42	75	79481	20.08	ug/l		97
54) cis-1,3-Dichloropropene	7.45	75	80565	20.44	ug/l		91
55) 1,1,2-Trichloroethane	8.63	97	43178	23.24	ug/l	#	93
56) Ethyl methacrylate	8.75	69	44971	19.51	ug/l		95
57) 1,3-Dichloropropane	8.99	76	71080	21.63	ug/l		98
58) 2-Chloroethyl Vinyl ether	7.77	63	23417	115.09	ug/l		100
59) 2-Hexanone	9.62	43	129971	99.05	ug/l		93
60) Dibromochloromethane	8.85	129	66431	21.21	ug/l		91
61) 1,2-Dibromoethane	9.13	107	50436	21.87	ug/l		98
64) Tetrachloroethene	8.30	164	58310	22.68	ug/l		95
65) Chlorobenzene	9.94	112	145069	22.40	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.06	131	65495	22.20	ug/l		92
67) Ethyl Benzene	10.03	91	264308	22.93	ug/l		94
68) m/p-Xylenes	10.26	106	189118	46.48	ug/l		98
69) o-Xylene	10.82	106	100689	23.24	ug/l		100
70) Styrene	10.89	104	147968	22.22	ug/l		99
71) Bromoform	10.88	173	43144	21.06	ug/l		99
73) Isopropylbenzene	11.22	105	294556	20.84	ug/l		100
74) N-amyl acetate	11.45	43	76113	16.82	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.78	83	62190	20.17	ug/l		98
76) 1,2,3-Trichloropropane	11.88	75	51954	20.64	ug/l		94
77) Bromobenzene	11.59	156	85388	21.55	ug/l		97
78) n-propylbenzene	11.68	91	361220	22.28	ug/l		97
79) 2-Chlorotoluene	11.81	91	213786	21.41	ug/l		99
80) 1,3,5-Trimethylbenzene	11.91	105	261542	22.08	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.96	75	16887m	14.69	ug/l		
82) 4-Chlorotoluene	11.99	91	239925	21.44	ug/l		94
83) tert-Butylbenzene	12.21	119	258350	22.73	ug/l		94
84) 1,2,4-Trimethylbenzene	12.28	105	281526	23.11	ug/l		96
85) sec-Butylbenzene	12.38	105	342959	23.73	ug/l		96
86) p-Isopropyltoluene	12.54	119	292909	23.29	ug/l		97
87) 1,3-Dichlorobenzene	12.55	146	149642	22.02	ug/l		95
88) 1,4-Dichlorobenzene	12.64	146	150460	22.47	ug/l		96
89) n-Butylbenzene	12.91	91	285261	24.24	ug/l		97
90) Hexachloroethane	12.99	117	72400	25.34	ug/l		90
91) 1,2-Dichlorobenzene	13.01	146	148560	22.86	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	14148	20.26	ug/l		89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	101353	25.66	ug/l	96
94) Hexachlorobutadiene	14.25	225	64879	32.07	ug/l	95
95) Naphthalene	14.52	128	191018	23.28	ug/l	97
96) 1,2,3-Trichlorobenzene	14.67	180	99502	27.88	ug/l	97

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

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