Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062118\
Data File : VF059273.D
Acq On : 21 Jun 2018 21:23
Operator : VA/AP
Sample : VF0621SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0621SBSD01

Manual Integrations APPROVED
apatel
6/22/2018 12:58:50 PM

Quant Time: Jun 22 08:51:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	244115	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	365731	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	384371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	238907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	170596	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.36%			
35) Dibromofluoromethane	4.28	113	156461	50.85	ug/l	-0.02
Spiked Amount 50.000			Recovery = 101.70%			
50) Toluene-d8	7.70	98	370077	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.56%			
62) 4-Bromofluorobenzene	11.51	95	217576	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	57617	20.27	ug/l	100
3) Chloromethane	1.08	50	37169	20.76	ug/l	91
4) Vinyl Chloride	1.14	62	37179	20.94	ug/l	97
5) Bromomethane	1.33	94	23016	18.17	ug/l	99
6) Chloroethane	1.42	64	19257	22.24	ug/l	98
7) Trichlorofluoromethane	1.48	101	71556m	20.58	ug/l	
8) Diethyl Ether	1.70	74	16535	21.13	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.89	101	41516	21.40	ug/l	88
10) Methyl Iodide	1.95	142	74113	20.90	ug/l	87
11) Tert butyl alcohol	2.67	59	20557	100.68	ug/l	99
12) 1,1-Dichloroethene	1.85	96	35570	20.56	ug/l	97
13) Acrolein	2.08	56	19052	115.17	ug/l	96
14) Allyl chloride	2.18	41	62317	19.51	ug/l	98
15) Acrylonitrile	3.07	53	40298	117.00	ug/l	89
16) Acetone	2.33	43	71622	86.48	ug/l	99
17) Carbon Disulfide	1.86	76	83346m	19.83	ug/l	
18) Methyl Acetate	2.45	43	28552	18.29	ug/l	96
19) Methyl tert-butyl Ether	2.54	73	119314	20.56	ug/l	95
20) Methylene Chloride	2.31	84	36568m	20.73	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	36078	19.98	ug/l	96
22) Diisopropyl ether	2.92	45	143352	21.64	ug/l #	98
23) Vinyl Acetate	3.32	43	462359	109.10	ug/l	98
24) 1,1-Dichloroethane	2.99	63	89318	20.79	ug/l	100
25) 2-Butanone	4.50	43	107594	97.39	ug/l	92
26) 2,2-Dichloropropane	3.75	77	58894	19.67	ug/l	97
27) cis-1,2-Dichloroethene	3.62	96	59443	21.66	ug/l	100
28) Bromochloromethane	3.88	49	42182	23.81	ug/l	97
29) Tetrahydrofuran	4.25	42	52781	106.41	ug/l	97
30) Chloroform	4.02	83	126878	20.40	ug/l	89
31) Cyclohexane	3.85	56	60846	20.58	ug/l #	94
32) 1,1,1-Trichloroethane	4.26	97	98411	20.96	ug/l	93
36) 1,1-Dichloropropene	4.45	75	81386	21.18	ug/l	94
37) Ethyl Acetate	4.29	43	53784	21.90	ug/l #	62
38) Carbon Tetrachloride	4.15	117	98642	20.89	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.61	83	74723	21.73	ug/l		92
40) Benzene	4.80	78	170355	20.89	ug/l		98
41) Methacrylonitrile	4.91	41	25766	21.96	ug/l	#	86
42) 1,2-Dichloroethane	5.11	62	95213	20.27	ug/l		98
43) Isopropyl Acetate	7.11	43	62984	20.93	ug/l	#	97
44) Trichloroethene	5.67	130	60848	21.53	ug/l		92
45) 1,2-Dichloropropane	6.40	63	53979	22.69	ug/l		91
46) Dibromomethane	6.24	93	43476	21.65	ug/l		95
47) Bromodichloromethane	6.54	83	101764	21.17	ug/l		99
48) Methyl methacrylate	6.86	41	36805	19.32	ug/l		91
49) 1,4-Dioxane	6.86	88	4144	375.06	ug/l	#	55
51) 4-Methyl-2-Pentanone	8.40	43	239961	111.81	ug/l		97
52) Toluene	7.77	92	127953	20.33	ug/l		93
53) t-1,3-Dichloropropene	8.42	75	91482	20.27	ug/l		95
54) cis-1,3-Dichloropropene	7.44	75	101814	21.36	ug/l		96
55) 1,1,2-Trichloroethane	8.63	97	49812	20.50	ug/l		93
56) Ethyl methacrylate	8.76	69	59063	21.26	ug/l		99
57) 1,3-Dichloropropane	8.99	76	82703	20.58	ug/l		99
58) 2-Chloroethyl Vinyl ether	7.77	63	22900	103.08	ug/l		100
59) 2-Hexanone	9.62	43	188500	110.79	ug/l		95
60) Dibromochloromethane	8.85	129	76064	21.28	ug/l		98
61) 1,2-Dibromoethane	9.13	107	58655	20.96	ug/l		98
64) Tetrachloroethene	8.30	164	62953	21.33	ug/l		97
65) Chlorobenzene	9.94	112	170811	20.88	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.07	131	70320	20.64	ug/l		90
67) Ethyl Benzene	10.04	91	293001	21.10	ug/l		98
68) m/p-Xylenes	10.26	106	207187	41.51	ug/l		97
69) o-Xylene	10.83	106	116219	21.08	ug/l		94
70) Styrene	10.89	104	175645	21.13	ug/l		98
71) Bromoform	10.88	173	47544	19.57	ug/l	#	91
73) Isopropylbenzene	11.22	105	345075	20.97	ug/l		99
74) N-amyl acetate	11.46	43	123170	22.92	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.78	83	82378	21.33	ug/l		98
76) 1,2,3-Trichloropropane	11.88	75	59274	20.96	ug/l		98
77) Bromobenzene	11.59	156	89692	20.17	ug/l		96
78) n-propylbenzene	11.68	91	410453	21.08	ug/l		97
79) 2-Chlorotoluene	11.81	91	248823	21.31	ug/l		100
80) 1,3,5-Trimethylbenzene	11.91	105	294593	21.17	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.96	75	37083	20.48	ug/l	#	82
82) 4-Chlorotoluene	11.99	91	267545	21.34	ug/l		97
83) tert-Butylbenzene	12.22	119	307880	21.86	ug/l		97
84) 1,2,4-Trimethylbenzene	12.28	105	315672	21.54	ug/l		96
85) sec-Butylbenzene	12.38	105	391225	20.82	ug/l		98
86) p-Isopropyltoluene	12.53	119	344611	22.24	ug/l		99
87) 1,3-Dichlorobenzene	12.55	146	168143	21.09	ug/l		98
88) 1,4-Dichlorobenzene	12.64	146	168287	21.38	ug/l		99
89) n-Butylbenzene	12.92	91	348566	22.09	ug/l		95
90) Hexachloroethane	12.99	117	83821	21.64	ug/l		94
91) 1,2-Dichlorobenzene	13.01	146	167814	21.22	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	16043	19.24	ug/l		88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	126491	21.90	ug/l	98
94) Hexachlorobutadiene	14.26	225	74997	21.91	ug/l	98
95) Naphthalene	14.52	128	251741	21.23	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	115844	21.32	ug/l	97

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

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