Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062218\
Data File : VF059282.D
Acq On : 22 Jun 2018 19:09
Operator : VA/AP
Sample : VF0622SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0622SBSD01

Manual Integrations APPROVED
apatel
6/24/2018 11:35:12 AM

Quant Time: Jun 24 11:31:49 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	237500	50.00	ug/l		-0.01
34) 1,4-Difluorobenzene	5.75	114	373763	50.00	ug/l		-0.01
63) Chlorobenzene-d5	9.90	117	367292	50.00	ug/l		-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	235993	50.00	ug/l		-0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.00	65	174236	51.11	ug/l		-0.01
Spiked Amount 50.000			Recovery = 102.22%				
35) Dibromofluoromethane	4.28	113	153808	48.91	ug/l		-0.02
Spiked Amount 50.000			Recovery = 97.82%				
50) Toluene-d8	7.70	98	384791	48.11	ug/l		-0.01
Spiked Amount 50.000			Recovery = 96.22%				
62) 4-Bromofluorobenzene	11.50	95	209061	47.13	ug/l		-0.01
Spiked Amount 50.000			Recovery = 94.26%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.99	85	57316	20.73	ug/l		96
3) Chloromethane	1.08	50	37004	21.24	ug/l		99
4) Vinyl Chloride	1.14	62	36503	21.14	ug/l		90
5) Bromomethane	1.33	94	24143	19.50	ug/l		90
6) Chloroethane	1.42	64	18697	22.19	ug/l		97
7) Trichlorofluoromethane	1.48	101	73259m	21.66	ug/l		
8) Diethyl Ether	1.69	74	16899	22.20	ug/l		97
9) 1,1,2-Trichlorotrifluoroet	1.89	101	43087	22.83	ug/l		96
10) Methyl Iodide	1.96	142	76549	22.19	ug/l	#	89
11) Tert butyl alcohol	2.69	59	21186	106.65	ug/l		97
12) 1,1-Dichloroethene	1.85	96	34730	20.63	ug/l		94
13) Acrolein	2.08	56	18047	111.93	ug/l		98
14) Allyl chloride	2.18	41	61568	19.82	ug/l		93
15) Acrylonitrile	3.06	53	39465	117.92	ug/l		94
16) Acetone	2.33	43	86375	107.20	ug/l		99
17) Carbon Disulfide	1.86	76	80475	19.68	ug/l		98
18) Methyl Acetate	2.44	43	30682m	20.20	ug/l		
19) Methyl tert-butyl Ether	2.53	73	125349	22.20	ug/l		96
20) Methylene Chloride	2.27	84	37444	21.92	ug/l		88
21) trans-1,2-Dichloroethene	2.40	96	35907	20.43	ug/l		92
22) Diisopropyl ether	2.92	45	144792	22.46	ug/l		100
23) Vinyl Acetate	3.32	43	473846	114.92	ug/l		99
24) 1,1-Dichloroethane	2.99	63	90573	21.67	ug/l		98
25) 2-Butanone	4.49	43	119677	111.35	ug/l		94
26) 2,2-Dichloropropane	3.74	77	69280	23.79	ug/l		98
27) cis-1,2-Dichloroethene	3.62	96	57343	21.48	ug/l		99
28) Bromochloromethane	3.87	49	41561	24.18	ug/l		96
29) Tetrahydrofuran	4.25	42	48403	100.30	ug/l		99
30) Chloroform	4.03	83	130201	21.52	ug/l		97
31) Cyclohexane	3.85	56	63149	21.95	ug/l		98
32) 1,1,1-Trichloroethane	4.27	97	96714	21.17	ug/l		97
36) 1,1-Dichloropropene	4.44	75	81865	20.84	ug/l		98
37) Ethyl Acetate	4.28	43	55037	21.93	ug/l		90
38) Carbon Tetrachloride	4.16	117	99012m	20.52	ug/l		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.61	83	72733	20.69	ug/l		93
40) Benzene	4.80	78	179406	21.53	ug/l		97
41) Methacrylonitrile	4.91	41	23640	19.72	ug/l	#	87
42) 1,2-Dichloroethane	5.10	62	104101	21.68	ug/l		99
43) Isopropyl Acetate	7.10	43	66356	21.58	ug/l	#	94
44) Trichloroethene	5.67	130	62687	21.70	ug/l		92
45) 1,2-Dichloropropane	6.39	63	52750	21.70	ug/l		98
46) Dibromomethane	6.24	93	41512	20.23	ug/l		94
47) Bromodichloromethane	6.53	83	105692	21.51	ug/l		94
48) Methyl methacrylate	6.86	41	40567	20.84	ug/l		90
49) 1,4-Dioxane	6.86	88	4266	377.81	ug/l	#	87
51) 4-Methyl-2-Pentanone	8.40	43	234712	107.01	ug/l		98
52) Toluene	7.76	92	131597	20.46	ug/l		97
53) t-1,3-Dichloropropene	8.42	75	94235	20.43	ug/l		98
54) cis-1,3-Dichloropropene	7.45	75	104191	21.39	ug/l		97
55) 1,1,2-Trichloroethane	8.63	97	50606	20.38	ug/l		95
56) Ethyl methacrylate	8.75	69	61415	21.63	ug/l		96
57) 1,3-Dichloropropane	8.99	76	88611	21.58	ug/l		91
58) 2-Chloroethyl Vinyl ether	7.76	63	22869	100.73	ug/l		100
59) 2-Hexanone	9.62	43	200976	115.58	ug/l		97
60) Dibromochloromethane	8.85	129	79597	21.79	ug/l		94
61) 1,2-Dibromoethane	9.13	107	61256	21.42	ug/l		90
64) Tetrachloroethene	8.29	164	62609	22.20	ug/l		91
65) Chlorobenzene	9.93	112	166485	21.30	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.06	131	72845	22.37	ug/l		98
67) Ethyl Benzene	10.02	91	279904	21.10	ug/l		94
68) m/p-Xylenes	10.26	106	210444	44.13	ug/l		97
69) o-Xylene	10.82	106	117613	22.33	ug/l		100
70) Styrene	10.89	104	175237	22.07	ug/l		98
71) Bromoform	10.88	173	46284	19.93	ug/l		96
73) Isopropylbenzene	11.21	105	354484	21.81	ug/l		95
74) N-amyl acetate	11.45	43	121311	22.85	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.78	83	79698	20.89	ug/l		99
76) 1,2,3-Trichloropropane	11.88	75	61818	22.13	ug/l		96
77) Bromobenzene	11.59	156	92950	21.16	ug/l		94
78) n-propylbenzene	11.68	91	419552	21.81	ug/l		97
79) 2-Chlorotoluene	11.81	91	247846	21.49	ug/l		97
80) 1,3,5-Trimethylbenzene	11.90	105	302759	22.03	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.95	75	37634	21.04	ug/l		87
82) 4-Chlorotoluene	11.98	91	268266	21.66	ug/l		99
83) tert-Butylbenzene	12.20	119	350144	25.17	ug/l		92
84) 1,2,4-Trimethylbenzene	12.28	105	318830	22.02	ug/l		99
85) sec-Butylbenzene	12.38	105	403229	21.72	ug/l		98
86) p-Isopropyltoluene	12.53	119	351195	22.94	ug/l		96
87) 1,3-Dichlorobenzene	12.55	146	173336	22.01	ug/l		98
88) 1,4-Dichlorobenzene	12.63	146	168967	21.73	ug/l		97
89) n-Butylbenzene	12.91	91	350061	22.46	ug/l		96
90) Hexachloroethane	12.99	117	84500	22.08	ug/l		87
91) 1,2-Dichlorobenzene	13.01	146	168265	21.54	ug/l		95
92) 1,2-Dibromo-3-Chloropropan	13.71	75	16354	19.85	ug/l		91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	127485	22.35	ug/l	100
94) Hexachlorobutadiene	14.25	225	73011	21.59	ug/l	97
95) Naphthalene	14.52	128	254674	21.74	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	119591	22.28	ug/l	97

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

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