Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
Data File : VF060049.D
Acq On : 23 Aug 2018 13:22
Operator : VA/AP
Sample : VF0823SBS01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0823SBS01

Manual Integrations APPROVED
MMDadoda
8/24/2018 4:08:35 PM

Quant Time: Aug 23 15:28:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.05	168	207336	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.77	114	325891	50.00	ug/l		-0.01
63) Chlorobenzene-d5	9.92	117	343145	50.00	ug/l		-0.01
72) 1,4-Dichlorobenzene-d4	12.64	152	208267	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.02	65	143076	50.42	ug/l		-0.01
Spiked Amount 50.000			Recovery = 100.84%				
35) Dibromofluoromethane	4.30	113	133785	52.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.56%				
50) Toluene-d8	7.71	98	352170	48.46	ug/l		-0.01
Spiked Amount 50.000			Recovery = 96.92%				
62) 4-Bromofluorobenzene	11.52	95	193128	50.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.46%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.96	85	58035	21.26	ug/l		94
3) Chloromethane	1.08	50	45369	23.66	ug/l		99
4) Vinyl Chloride	1.13	62	37952	22.39	ug/l		99
5) Bromomethane	1.31	94	25883	20.10	ug/l		98
6) Chloroethane	1.39	64	13841	20.72	ug/l	#	82
7) Trichlorofluoromethane	1.48	101	72380	21.24	ug/l		100
8) Diethyl Ether	1.71	74	12571	20.63	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	1.86	101	38885	21.74	ug/l		96
10) Methyl Iodide	1.92	142	50338	21.28	ug/l		98
11) Tert butyl alcohol	2.68	59	15905	105.36	ug/l	#	90
12) 1,1-Dichloroethene	1.83	96	27175	20.62	ug/l		88
13) Acrolein	2.09	56	5544	80.11	ug/l		97
14) Allyl chloride	2.19	41	50713	21.66	ug/l		95
15) Acrylonitrile	3.08	53	30655	102.90	ug/l		96
16) Acetone	2.34	43	100347	134.55	ug/l		94
17) Carbon Disulfide	1.84	76	90682	21.97	ug/l		98
18) Methyl Acetate	2.46	43	32160	23.03	ug/l		98
19) Methyl tert-butyl Ether	2.54	73	91192	21.60	ug/l		96
20) Methylene Chloride	2.28	84	36145	21.71	ug/l		96
21) trans-1,2-Dichloroethene	2.42	96	30393	20.61	ug/l		92
22) Diisopropyl ether	2.92	45	105294	20.09	ug/l		99
23) Vinyl Acetate	3.33	43	343438	123.68	ug/l		98
24) 1,1-Dichloroethane	3.00	63	66998	20.69	ug/l		98
25) 2-Butanone	4.51	43	121314	125.23	ug/l		97
26) 2,2-Dichloropropane	3.76	77	75770	22.62	ug/l		92
27) cis-1,2-Dichloroethene	3.64	96	46120	22.07	ug/l		91
28) Bromochloromethane	3.90	49	32641	23.88	ug/l		86
29) Tetrahydrofuran	4.25	42	41420	113.25	ug/l		97
30) Chloroform	4.03	83	98411	21.65	ug/l		98
31) Cyclohexane	3.86	56	57950	23.49	ug/l		97
32) 1,1,1-Trichloroethane	4.28	97	87099	22.38	ug/l		96
36) 1,1-Dichloropropene	4.47	75	64837	21.17	ug/l		98
37) Ethyl Acetate	4.29	43	40902	22.33	ug/l	#	78
38) Carbon Tetrachloride	4.17	117	75670	21.34	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.63	83	63995	22.29	ug/l		92
40) Benzene	4.81	78	145275	21.72	ug/l		96
41) Methacrylonitrile	4.92	41	19746	21.31	ug/l	#	85
42) 1,2-Dichloroethane	5.12	62	73163	20.40	ug/l		99
43) Isopropyl Acetate	7.12	43	49760	21.59	ug/l	#	99
44) Trichloroethene	5.68	130	47853	21.64	ug/l		94
45) 1,2-Dichloropropane	6.41	63	42906	22.67	ug/l		100
46) Dibromomethane	6.25	93	32676	22.07	ug/l		91
47) Bromodichloromethane	6.55	83	77953	21.80	ug/l		95
48) Methyl methacrylate	6.87	41	31975	20.96	ug/l		93
49) 1,4-Dioxane	6.87	88	6738	460.13	ug/l		90
51) 4-Methyl-2-Pentanone	8.41	43	234080	117.59	ug/l		99
52) Toluene	7.78	92	105072	21.63	ug/l		99
53) t-1,3-Dichloropropene	8.43	75	70011	21.59	ug/l		95
54) cis-1,3-Dichloropropene	7.46	75	78939	21.81	ug/l		95
55) 1,1,2-Trichloroethane	8.64	97	39892	22.10	ug/l		92
56) Ethyl methacrylate	8.77	69	47618	21.79	ug/l		94
57) 1,3-Dichloropropane	9.00	76	71335	22.48	ug/l		95
58) 2-Chloroethyl Vinyl ether	7.78	63	16996	98.00	ug/l		100
59) 2-Hexanone	9.63	43	201775	125.23	ug/l		98
60) Dibromochloromethane	8.86	129	56524	21.21	ug/l		95
61) 1,2-Dibromoethane	9.14	107	45286	21.36	ug/l		98
64) Tetrachloroethene	8.31	164	48534	21.00	ug/l		98
65) Chlorobenzene	9.95	112	136779	21.11	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.08	131	52511	21.37	ug/l		95
67) Ethyl Benzene	10.05	91	248933	22.27	ug/l		95
68) m/p-Xylenes	10.27	106	185830	45.67	ug/l		96
69) o-Xylene	10.84	106	98292	22.44	ug/l		100
70) Styrene	10.90	104	153527	22.85	ug/l		98
71) Bromoform	10.89	173	35786	20.87	ug/l		96
73) Isopropylbenzene	11.23	105	280160	22.35	ug/l		98
74) N-amyl acetate	11.47	43	88918	22.82	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.79	83	61644	22.52	ug/l		97
76) 1,2,3-Trichloropropane	11.89	75	46364	21.84	ug/l		99
77) Bromobenzene	11.59	156	73426	21.54	ug/l		83
78) n-propylbenzene	11.69	91	349145	22.56	ug/l		98
79) 2-Chlorotoluene	11.81	91	194864	21.42	ug/l		98
80) 1,3,5-Trimethylbenzene	11.92	105	247259	22.64	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.96	75	20858m	21.47	ug/l		
82) 4-Chlorotoluene	11.99	91	215813	21.85	ug/l		95
83) tert-Butylbenzene	12.22	119	239526	22.49	ug/l		96
84) 1,2,4-Trimethylbenzene	12.29	105	252045	21.71	ug/l		98
85) sec-Butylbenzene	12.39	105	326945	22.05	ug/l		100
86) p-Isopropyltoluene	12.54	119	274519	22.31	ug/l		98
87) 1,3-Dichlorobenzene	12.56	146	143802	22.81	ug/l		95
88) 1,4-Dichlorobenzene	12.65	146	134172	21.42	ug/l		97
89) n-Butylbenzene	12.93	91	289316	24.20	ug/l		98
90) Hexachloroethane	13.00	117	61375	22.20	ug/l		95
91) 1,2-Dichlorobenzene	13.02	146	137407	22.66	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.71	75	11809	21.11	ug/l		67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.28	180	102363	22.93	ug/l	95
94) Hexachlorobutadiene	14.26	225	61843	22.26	ug/l	99
95) Naphthalene	14.53	128	150704	20.85	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	97031	22.78	ug/l	96

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

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