Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082418\
Data File : VF060098.D
Acq On : 24 Aug 2018 14:24
Operator : VA/AP
Sample : VF0824SBSD01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0824SBSD01

Manual Integrations APPROVED
apatel
8/27/2018 3:22:06 PM

Quant Time: Aug 25 04:28:12 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	5.04	168	157962	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.76	114	241125	50.00	ug/l		-0.02
63) Chlorobenzene-d5	9.92	117	267458	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	166125	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.01	65	114826	53.11	ug/l		-0.02
Spiked Amount 50.000			Recovery = 106.22%				
35) Dibromofluoromethane	4.29	113	113086	59.73	ug/l		0.00
Spiked Amount 50.000			Recovery = 119.46%				
50) Toluene-d8	7.71	98	302349	56.23	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.46%				
62) 4-Bromofluorobenzene	11.51	95	170030	59.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 119.54%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.96	85	53349	25.65	ug/l		99
3) Chloromethane	1.07	50	39633	27.71	ug/l	#	84
4) Vinyl Chloride	1.12	62	30770	23.83	ug/l		97
5) Bromomethane	1.31	94	19630	20.01	ug/l		95
6) Chloroethane	1.39	64	12568	24.69	ug/l		98
7) Trichlorofluoromethane	1.48	101	78600	30.27	ug/l		99
8) Diethyl Ether	1.70	74	8507	18.33	ug/l		85
9) 1,1,2-Trichlorotrifluoroet	1.86	101	31850	23.37	ug/l		95
10) Methyl Iodide	1.93	142	34993	19.42	ug/l		97
11) Tert butyl alcohol	2.67	59	10697	93.01	ug/l	#	84
12) 1,1-Dichloroethene	1.83	96	22552	22.46	ug/l		90
13) Acrolein	2.08	56	3417	69.83	ug/l		82
14) Allyl chloride	2.18	41	37339	20.94	ug/l		86
15) Acrylonitrile	3.06	53	25515	112.42	ug/l		97
16) Acetone	2.33	43	59299	104.36	ug/l		99
17) Carbon Disulfide	1.84	76	74244	23.62	ug/l		97
18) Methyl Acetate	2.45	43	21872	20.07	ug/l	#	91
19) Methyl tert-butyl Ether	2.53	73	67078	20.85	ug/l		94
20) Methylene Chloride	2.28	84	23473	17.66	ug/l		87
21) trans-1,2-Dichloroethene	2.41	96	36036	32.07	ug/l		87
22) Diisopropyl ether	2.92	45	87127	21.82	ug/l		96
23) Vinyl Acetate	3.33	43	192980	91.22	ug/l		99
24) 1,1-Dichloroethane	3.00	63	71582	29.02	ug/l		98
25) 2-Butanone	4.49	43	66628	90.28	ug/l		97
26) 2,2-Dichloropropane	3.76	77	62532	24.50	ug/l		96
27) cis-1,2-Dichloroethene	3.63	96	34344	21.57	ug/l		96
28) Bromochloromethane	3.89	49	24807	23.82	ug/l		90
29) Tetrahydrofuran	4.24	42	20762	74.51	ug/l	#	91
30) Chloroform	4.04	83	81676	23.59	ug/l		98
31) Cyclohexane	3.86	56	43384	23.08	ug/l	#	95
32) 1,1,1-Trichloroethane	4.27	97	72103	24.32	ug/l		94
36) 1,1-Dichloropropene	4.46	75	45190	19.94	ug/l		96
37) Ethyl Acetate	4.26	43	21542	15.90	ug/l	#	56
38) Carbon Tetrachloride	4.16	117	65442	24.94	ug/l		95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082418\
Data File : VF060098.D
Acq On : 24 Aug 2018 14:24
Operator : VA/AP
Sample : VF0824SBSD01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0824SBSD01

Manual Integrations APPROVED
apatel
8/27/2018 3:22:06 PM

Quant Time: Aug 25 04:28:12 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)
39) Methylcyclohexane	5.62	83	45361	21.35	ug/l		97
40) Benzene	4.80	78	114080	23.05	ug/l		100
41) Methacrylonitrile	4.90	41	11203	16.34	ug/l	#	86
42) 1,2-Dichloroethane	5.11	62	58420	22.01	ug/l		97
43) Isopropyl Acetate	7.10	43	24564	14.40	ug/l	#	99
44) Trichloroethene	5.67	130	36437	22.27	ug/l		92
45) 1,2-Dichloropropane	6.40	63	30294	21.64	ug/l		96
46) Dibromomethane	6.25	93	24259	22.14	ug/l		95
47) Bromodichloromethane	6.54	83	59136	22.35	ug/l		88
48) Methyl methacrylate	6.86	41	16843	14.92	ug/l		91
49) 1,4-Dioxane	6.85	88	3607	332.91	ug/l	#	81
51) 4-Methyl-2-Pentanone	8.40	43	139631	94.80	ug/l		97
52) Toluene	7.78	92	83565	23.66	ug/l		99
53) t-1,3-Dichloropropene	8.42	75	50739	21.14	ug/l		98
54) cis-1,3-Dichloropropene	7.46	75	56898	21.24	ug/l		98
55) 1,1,2-Trichloroethane	8.64	97	27115	20.30	ug/l		94
56) Ethyl methacrylate	8.76	69	27891	17.25	ug/l		97
57) 1,3-Dichloropropane	8.99	76	45298	19.30	ug/l		97
58) 2-Chloroethyl Vinyl ether	7.77	63	14816	115.46	ug/l		100
59) 2-Hexanone	9.62	43	116042	97.34	ug/l		93
60) Dibromochloromethane	8.86	129	40571	20.58	ug/l		97
61) 1,2-Dibromoethane	9.13	107	30850	19.67	ug/l		96
64) Tetrachloroethene	8.30	164	39353	21.84	ug/l		91
65) Chlorobenzene	9.94	112	111054	21.99	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.07	131	38250	19.97	ug/l		98
67) Ethyl Benzene	10.04	91	203999	23.41	ug/l		99
68) m/p-Xylenes	10.26	106	152907	48.81	ug/l		98
69) o-Xylene	10.83	106	76954	22.54	ug/l		98
70) Styrene	10.91	104	129771	24.77	ug/l		98
71) Bromoform	10.89	173	24712	18.49	ug/l		95
73) Isopropylbenzene	11.23	105	238515	23.85	ug/l		99
74) N-amyl acetate	11.46	43	53378	17.17	ug/l		96
75) 1,1,2,2-Tetrachloroethane	11.78	83	44654	20.45	ug/l		100
76) 1,2,3-Trichloropropane	11.88	75	32010	18.90	ug/l		95
77) Bromobenzene	11.60	156	58989	21.69	ug/l		95
78) n-propylbenzene	11.68	91	314475	25.48	ug/l		97
79) 2-Chlorotoluene	11.81	91	170691	23.52	ug/l		100
80) 1,3,5-Trimethylbenzene	11.91	105	209112	24.00	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.95	75	12714m	16.41	ug/l		
82) 4-Chlorotoluene	11.99	91	184184	23.38	ug/l		100
83) tert-Butylbenzene	12.22	119	201434	23.71	ug/l		96
84) 1,2,4-Trimethylbenzene	12.29	105	213806	23.08	ug/l		98
85) sec-Butylbenzene	12.38	105	281104	23.76	ug/l		98
86) p-Isopropyltoluene	12.54	119	235380	23.98	ug/l		94
87) 1,3-Dichlorobenzene	12.55	146	118060	23.48	ug/l		96
88) 1,4-Dichlorobenzene	12.64	146	112439	22.50	ug/l		99
89) n-Butylbenzene	12.92	91	246318	25.83	ug/l		95
90) Hexachloroethane	13.00	117	50887	23.07	ug/l		84
91) 1,2-Dichlorobenzene	13.02	146	107056	22.14	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	13.72	75	7964	17.85	ug/l		88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
Data File : VF060098.D
Acq On : 24 Aug 2018 14:24
Operator : VA/AP
Sample : VF0824SBSD01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0824SBSD01

Manual Integrations APPROVED
apatel
8/27/2018 3:22:06 PM

Quant Time: Aug 25 04:28:12 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)
93) 1,2,4-Trichlorobenzene	14.27	180	74272	20.86	ug/l	96
94) Hexachlorobutadiene	14.26	225	51767	23.36	ug/l	96
95) Naphthalene	14.52	128	83317	15.15	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	65945	19.41	ug/l	95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082418\
Data File : VF060098.D
Acq On : 24 Aug 2018 14:24
Operator : VA/AP
Sample : VF0824SBSD01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 25 04:28:12 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

Instrument :
MSVOA_F
ClientSampleId :
VF0824SBSD01

Manual Integrations APPROVED
apatel
8/27/2018 3:22:06 PM