Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082018\
Data File : VF060000.D
Acq On : 20 Aug 2018 13:59
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
apatel
8/21/2018 10:01:30 AM

Quant Time: Aug 21 04:36:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.05	168	123739	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.76	114	173171	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.92	117	179009	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	122063	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.02	65	123222	51.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.18%				
35) Dibromofluoromethane	4.30	113	92025	52.00	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.00%				
50) Toluene-d8	7.72	98	205538	52.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.44%				
62) 4-Bromofluorobenzene	11.51	95	131105	54.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.95	85	119737	57.05	ug/l		98
3) Chloromethane	1.07	50	72053	74.70	ug/l	#	88
4) Vinyl Chloride	1.12	62	79691	63.59	ug/l		95
5) Bromomethane	1.32	94	65848	59.28	ug/l		97
6) Chloroethane	1.39	64	37057	56.95	ug/l		95
7) Trichlorofluoromethane	1.49	101	204165	56.76	ug/l		100
8) Diethyl Ether	1.69	74	29372	55.35	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	1.86	101	96545	57.24	ug/l		98
10) Methyl Iodide	1.93	142	118213	55.55	ug/l		94
11) Tert butyl alcohol	2.67	59	34307	246.46	ug/l	#	87
12) 1,1-Dichloroethene	1.82	96	65852	56.62	ug/l		82
13) Acrolein	2.09	56	25476	279.78	ug/l		97
14) Allyl chloride	2.19	41	111668	56.59	ug/l		97
15) Acrylonitrile	3.06	53	61796	274.55	ug/l		98
16) Acetone	2.33	43	214863	327.90	ug/l		100
17) Carbon Disulfide	1.84	76	191473	51.79	ug/l		98
18) Methyl Acetate	2.44	43	57512	46.80	ug/l		98
19) Methyl tert-butyl Ether	2.53	73	202514	52.91	ug/l		99
20) Methylene Chloride	2.28	84	72477	55.10	ug/l		96
21) trans-1,2-Dichloroethene	2.41	96	64935	52.01	ug/l		95
22) Diisopropyl ether	2.92	45	230667	54.66	ug/l	#	97
23) Vinyl Acetate	3.33	43	610187	359.08	ug/l		99
24) 1,1-Dichloroethane	2.99	63	153179	55.34	ug/l		98
25) 2-Butanone	4.50	43	147984	256.29	ug/l		94
26) 2,2-Dichloropropane	3.74	77	143691	58.60	ug/l		96
27) cis-1,2-Dichloroethene	3.64	96	57383	50.26	ug/l		88
28) Bromochloromethane	3.89	49	39206	49.36	ug/l		88
29) Tetrahydrofuran	4.25	42	51497	249.90	ug/l		95
30) Chloroform	4.03	83	167936	52.48	ug/l		94
31) Cyclohexane	3.86	56	62554	49.37	ug/l		98
32) 1,1,1-Trichloroethane	4.28	97	165836	53.10	ug/l		95
36) 1,1-Dichloropropene	4.45	75	96644	49.00	ug/l		96
37) Ethyl Acetate	4.29	43	56413	51.75	ug/l		91
38) Carbon Tetrachloride	4.17	117	154359	54.56	ug/l		97

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082018\
Data File : VF060000.D
Acq On : 20 Aug 2018 13:59
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 21 04:36:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
apatel
8/21/2018 10:01:30 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	5.63	83	72500	49.00	ug/l		97
40) Benzene	4.81	78	172689	51.73	ug/l		92
41) Methacrylonitrile	4.92	41	26085	49.97	ug/l	#	91
42) 1,2-Dichloroethane	5.11	62	150516	53.16	ug/l		97
43) Isopropyl Acetate	7.11	43	63335	52.78	ug/l	#	96
44) Trichloroethene	5.68	130	64935	49.84	ug/l		94
45) 1,2-Dichloropropane	6.40	63	48277	50.55	ug/l		98
46) Dibromomethane	6.26	93	48929	51.95	ug/l		91
47) Bromodichloromethane	6.55	83	137552	54.10	ug/l		98
48) Methyl methacrylate	6.87	41	45764	51.24	ug/l		98
49) 1,4-Dioxane	6.87	88	7499	959.17	ug/l	#	70
51) 4-Methyl-2-Pentanone	8.41	43	295935	264.02	ug/l		100
52) Toluene	7.78	92	127445	51.01	ug/l		96
53) t-1,3-Dichloropropene	8.43	75	116348	54.25	ug/l		95
54) cis-1,3-Dichloropropene	7.46	75	113372	54.75	ug/l		95
55) 1,1,2-Trichloroethane	8.64	97	53225	53.10	ug/l		92
56) Ethyl methacrylate	8.76	69	63704	54.85	ug/l		97
57) 1,3-Dichloropropane	9.00	76	94708	53.01	ug/l		98
58) 2-Chloroethyl Vinyl ether	7.78	63	32055	329.10	ug/l		100
59) 2-Hexanone	9.63	43	250493	270.65	ug/l		100
60) Dibromochloromethane	8.86	129	98736	53.90	ug/l		95
61) 1,2-Dibromoethane	9.14	107	65458	52.34	ug/l		94
64) Tetrachloroethene	8.31	164	68496	50.22	ug/l		92
65) Chlorobenzene	9.94	112	186749	52.86	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.07	131	85228	52.43	ug/l		95
67) Ethyl Benzene	10.04	91	338709	52.80	ug/l		100
68) m/p-Xylenes	10.27	106	237413	106.82	ug/l		91
69) o-Xylene	10.83	106	124737	54.75	ug/l		93
70) Styrene	10.90	104	195408	53.53	ug/l		100
71) Bromoform	10.89	173	63811	53.10	ug/l		96
73) Isopropylbenzene	11.23	105	410867	56.15	ug/l		99
74) N-amyl acetate	11.46	43	118870	57.24	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.79	83	75177	52.32	ug/l		94
76) 1,2,3-Trichloropropane	11.89	75	65136	51.19	ug/l		98
77) Bromobenzene	11.60	156	105187	51.54	ug/l		88
78) n-propylbenzene	11.69	91	477206	52.53	ug/l		100
79) 2-Chlorotoluene	11.82	91	289588	52.47	ug/l		95
80) 1,3,5-Trimethylbenzene	11.92	105	364580	55.10	ug/l		97
81) trans-1,4-Dichloro-2-buten	11.95	75	25975m	48.36	ug/l		
82) 4-Chlorotoluene	11.99	91	330045	54.65	ug/l		93
83) tert-Butylbenzene	12.22	119	366923	56.45	ug/l		94
84) 1,2,4-Trimethylbenzene	12.29	105	374619	53.77	ug/l		100
85) sec-Butylbenzene	12.39	105	471194	54.84	ug/l		96
86) p-Isopropyltoluene	12.54	119	420012	55.27	ug/l		98
87) 1,3-Dichlorobenzene	12.56	146	206238	52.94	ug/l		99
88) 1,4-Dichlorobenzene	12.64	146	204658	53.66	ug/l		96
89) n-Butylbenzene	12.92	91	405901	55.27	ug/l		98
90) Hexachloroethane	13.00	117	96645	56.46	ug/l		85
91) 1,2-Dichlorobenzene	13.02	146	194421	52.14	ug/l		97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	22153	55.75	ug/l		73

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
Data File : VF060000.D
Acq On : 20 Aug 2018 13:59
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
apatel
8/21/2018 10:01:30 AM

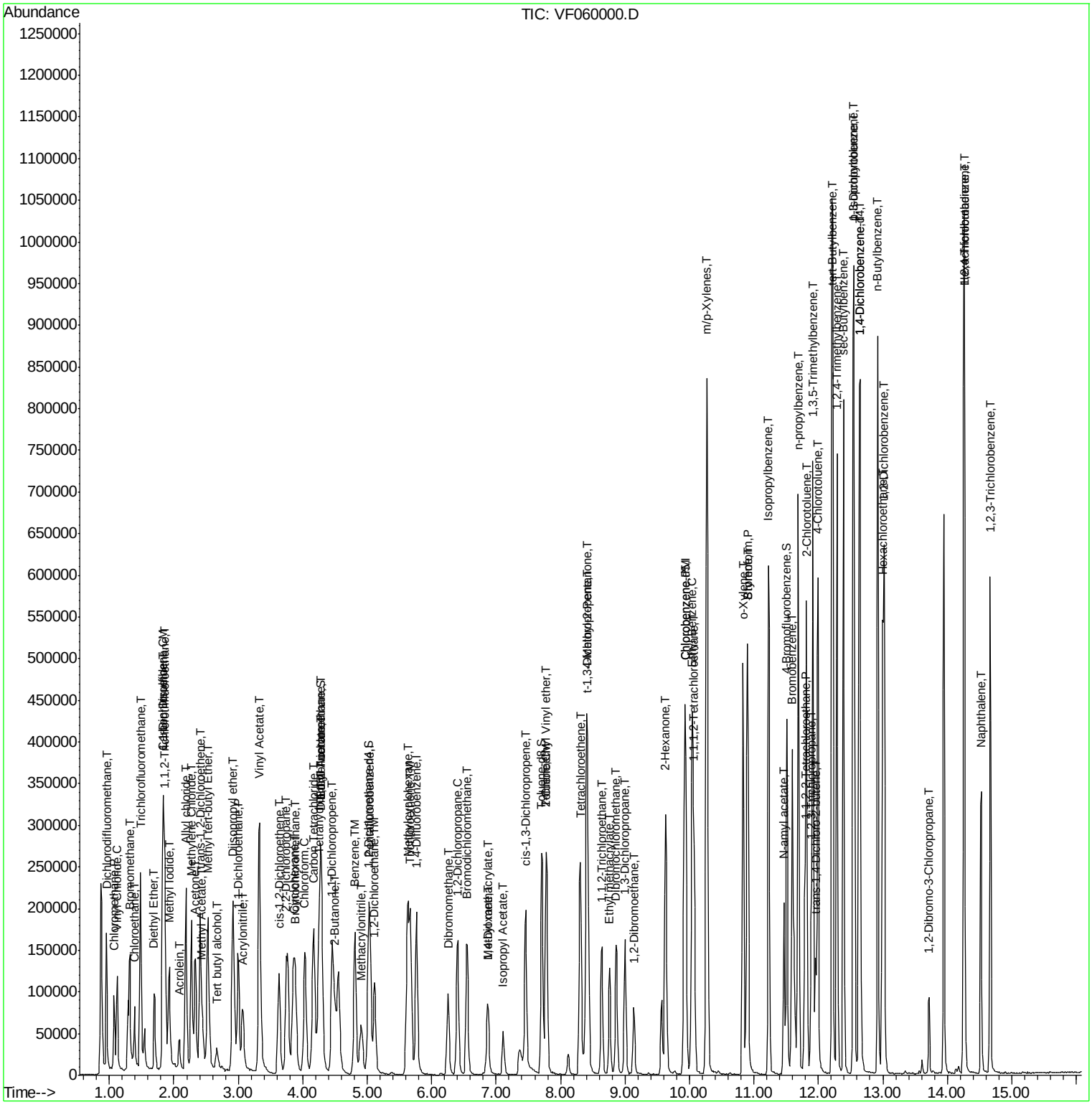
Quant Time: Aug 21 04:36:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.27	180	167262	54.97	ug/l	97
94) Hexachlorobutadiene	14.25	225	109646	53.79	ug/l	94
95) Naphthalene	14.53	128	257528	60.13	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	161339	55.00	ug/l	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082018\
Data File : VF060000.D
Acq On : 20 Aug 2018 13:59
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 21 04:36:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
apatel
8/21/2018 10:01:30 AM