Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111819\
Data File : VD064278.D
Acq On : 18 Nov 2019 21:44
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
11/20/2019 1:11:37 PM

Quant Time: Nov 19 06:21:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	527953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	790935	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	696101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	346104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	247939	57.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.20%			
35) Dibromofluoromethane	7.92	113	251211	55.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.66%			
50) Toluene-d8	10.34	98	904469	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.62%			
62) 4-Bromofluorobenzene	12.64	95	306275	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	206207	47.093	ug/l	99
3) Chloromethane	2.21	50	258413	55.020	ug/l	97
4) Vinyl Chloride	2.35	62	299776	59.687	ug/l	100
5) Bromomethane	2.77	94	216821	68.366	ug/l	95
6) Chloroethane	2.92	64	213118	66.407	ug/l	99
7) Trichlorofluoromethane	3.27	101	515792	63.342	ug/l	99
8) Diethyl Ether	3.71	74	132345	59.109	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	231493	49.739	ug/l	97
10) Methyl Iodide	4.29	142	276432	51.948	ug/l	100
11) Tert butyl alcohol	5.26	59	87903	289.844	ug/l	97
12) 1,1-Dichloroethene	4.06	96	229415	51.714	ug/l	97
13) Acrolein	3.92	56	78037	304.161	ug/l	98
14) Allyl chloride	4.71	41	391310	49.888	ug/l	95
15) Acrylonitrile	5.43	53	286458	300.109	ug/l	99
16) Acetone	4.17	43	211649	205.755	ug/l	98
17) Carbon Disulfide	4.40	76	683632	49.483	ug/l	100
18) Methyl Acetate	4.72	43	166557	57.972	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	616479	58.210	ug/l	96
20) Methylene Chloride	4.97	84	271365	52.225	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	271076	53.933	ug/l	95
22) Diisopropyl ether	6.37	45	802749	55.159	ug/l	100
23) Vinyl Acetate	6.31	43	2357416	290.593	ug/l	98
24) 1,1-Dichloroethane	6.27	63	462330	54.713	ug/l	99
25) 2-Butanone	7.23	43	357892	269.303	ug/l	98
26) 2,2-Dichloropropane	7.21	77	385254	46.489	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	304350	56.466	ug/l	96
28) Bromochloromethane	7.55	49	193610	65.811	ug/l	99
29) Tetrahydrofuran	7.57	42	237229	297.107	ug/l	97
30) Chloroform	7.71	83	500693	57.926	ug/l	96
31) Cyclohexane	7.98	56	389422	45.695	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	428880	51.819	ug/l	100
36) 1,1-Dichloropropene	8.11	75	358000	49.043	ug/l	100
37) Ethyl Acetate	7.30	43	167684	54.490	ug/l	98
38) Carbon Tetrachloride	8.10	117	390771	50.030	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111819\
Data File : VD064278.D
Acq On : 18 Nov 2019 21:44
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
11/20/2019 1:11:37 PM

Quant Time: Nov 19 06:21:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.36	83	433248	46.905	ug/l		96
40) Benzene	8.36	78	1041218	52.191	ug/l		97
41) Methacrylonitrile	7.53	41	95694	49.475	ug/l	#	90
42) 1,2-Dichloroethane	8.43	62	319688	53.354	ug/l		100
43) Isopropyl Acetate	8.46	43	335196	52.865	ug/l		98
44) Trichloroethene	9.11	130	314543	52.532	ug/l		98
45) 1,2-Dichloropropane	9.39	63	260488	53.645	ug/l		96
46) Dibromomethane	9.48	93	148772	57.229	ug/l		99
47) Bromodichloromethane	9.67	83	388023	55.414	ug/l		99
48) Methyl methacrylate	9.46	41	154621	49.871	ug/l		90
49) 1,4-Dioxane	9.47	88	37006	1185.295	ug/l		91
51) 4-Methyl-2-Pentanone	10.23	43	836291	275.041	ug/l		99
52) Toluene	10.41	92	692382	52.779	ug/l		99
53) t-1,3-Dichloropropene	10.63	75	366108	52.188	ug/l		98
54) cis-1,3-Dichloropropene	10.09	75	432266	52.805	ug/l		96
55) 1,1,2-Trichloroethane	10.81	97	203502	57.706	ug/l		98
56) Ethyl methacrylate	10.67	69	273217	55.384	ug/l		97
57) 1,3-Dichloropropane	10.95	76	347762	56.544	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.94	63	552073	276.272	ug/l		98
59) 2-Hexanone	10.99	43	567238	262.219	ug/l		98
60) Dibromochloromethane	11.14	129	279907	56.882	ug/l		99
61) 1,2-Dibromoethane	11.25	107	205613	58.212	ug/l		99
64) Tetrachloroethene	10.88	164	263624	49.242	ug/l		97
65) Chlorobenzene	11.67	112	744819	52.618	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.75	131	290197	53.916	ug/l		99
67) Ethyl Benzene	11.75	91	1318192	51.483	ug/l		98
68) m/p-Xylenes	11.86	106	1007385	102.645	ug/l		99
69) o-Xylene	12.18	106	471849	51.840	ug/l		99
70) Styrene	12.20	104	830010	52.240	ug/l		99
71) Bromoform	12.37	173	178400	58.241	ug/l		99
73) Isopropylbenzene	12.48	105	1267783	49.905	ug/l		100
74) N-amyl acetate	12.30	43	302401	50.408	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.74	83	214010	55.908	ug/l		100
76) 1,2,3-Trichloropropane	12.79	75	142963m	51.282	ug/l		
77) Bromobenzene	12.77	156	330892	53.614	ug/l		97
78) n-propylbenzene	12.83	91	1447161	49.860	ug/l		99
79) 2-Chlorotoluene	12.91	91	809725	49.414	ug/l		98
80) 1,3,5-Trimethylbenzene	12.97	105	1044091	50.018	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.54	75	69827	49.755	ug/l		97
82) 4-Chlorotoluene	13.01	91	851493	49.820	ug/l		98
83) tert-Butylbenzene	13.23	119	901149	48.958	ug/l		99
84) 1,2,4-Trimethylbenzene	13.27	105	1046082	50.760	ug/l		99
85) sec-Butylbenzene	13.41	105	1215584	49.171	ug/l		100
86) p-Isopropyltoluene	13.53	119	1147607	48.828	ug/l		99
87) 1,3-Dichlorobenzene	13.53	146	604838	52.794	ug/l		98
88) 1,4-Dichlorobenzene	13.60	146	591134	52.868	ug/l		99
89) n-Butylbenzene	13.85	91	1024571	48.252	ug/l		99
90) Hexachloroethane	14.12	117	221634	51.026	ug/l		98
91) 1,2-Dichlorobenzene	13.90	146	524260	54.065	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	34812	50.865	ug/l		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111819\
Data File : VD064278.D
Acq On : 18 Nov 2019 21:44
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
11/20/2019 1:11:37 PM

Quant Time: Nov 19 06:21:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	399674	53.430	ug/l	99
94) Hexachlorobutadiene	15.28	225	243667	50.433	ug/l	100
95) Naphthalene	15.41	128	682029	55.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	346704	54.526	ug/l	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111819\
Data File : VD064278.D
Acq On : 18 Nov 2019 21:44
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 19 06:21:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
11/20/2019 1:11:37 PM