Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
Data File : VD069067.D
Acq On : 05 May 2021 14:11
Operator : VA/SY
Sample : VD0505SBS01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBS01

Manual Integrations APPROVED
MMDadoda
5/6/2021 5:38:58 PM

Quant Time: May 06 05:44:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	214562	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.861	114	371125	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	362943	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	176700	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	152437	55.13	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.26%				
35) Dibromofluoromethane	7.914	113	138879	54.57	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.14%				
50) Toluene-d8	10.338	98	527860	56.18	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.36%				
62) 4-Bromofluorobenzene	12.626	95	168986	54.68	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.36%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.985	85	57594	22.07	ug/l		97
3) Chloromethane	2.209	50	69035	21.50	ug/l		98
4) Vinyl Chloride	2.344	62	85408	20.11	ug/l		97
5) Bromomethane	2.738	94	53539	21.19	ug/l		100
6) Chloroethane	2.903	64	48699	19.72	ug/l		96
7) Trichlorofluoromethane	3.262	101	97849	20.98	ug/l		98
8) Diethyl Ether	3.709	74	23292	20.56	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.085	101	51815	20.75	ug/l		98
10) Methyl Iodide	4.291	142	36878	18.51	ug/l		98
11) Tert butyl alcohol	5.226	59	32203m	164.65	ug/l		
12) 1,1-Dichloroethene	4.062	96	47759	21.24	ug/l		93
13) Acrolein	3.926	56	18782	113.35	ug/l		91
14) Allyl chloride	4.703	41	61368	21.18	ug/l		98
15) Acrylonitrile	5.420	53	53596	108.83	ug/l		98
16) Acetone	4.156	43	45371	102.20	ug/l		93
17) Carbon Disulfide	4.403	76	158898	20.90	ug/l		100
18) Methyl Acetate	4.720	43	22047	20.47	ug/l	#	68
19) Methyl tert-butyl Ether	5.473	73	110298	21.46	ug/l	#	91
20) Methylene Chloride	4.956	84	80197	26.39	ug/l		96
21) trans-1,2-Dichloroethene	5.467	96	55197	20.66	ug/l		94
22) Diisopropyl ether	6.361	45	143309	22.16	ug/l		97
23) Vinyl Acetate	6.303	43	393292	106.37	ug/l		99
24) 1,1-Dichloroethane	6.267	63	96204	21.06	ug/l		97
25) 2-Butanone	7.214	43	63419	107.28	ug/l		97
26) 2,2-Dichloropropane	7.203	77	87720	20.56	ug/l		98
27) cis-1,2-Dichloroethene	7.208	96	61038	21.17	ug/l		98
28) Bromochloromethane	7.544	49	37802	20.50	ug/l		97
29) Tetrahydrofuran	7.567	42	40467	111.28	ug/l		96
30) Chloroform	7.714	83	108355	21.21	ug/l		99
31) Cyclohexane	7.979	56	83479	20.81	ug/l	#	89
32) 1,1,1-Trichloroethane	7.908	97	95137	20.39	ug/l		99
36) 1,1-Dichloropropene	8.108	75	81656	20.91	ug/l		99
37) Ethyl Acetate	7.291	43	33540	22.78	ug/l		96
38) Carbon Tetrachloride	8.097	117	87336	20.62	ug/l		99
39) Methylcyclohexane	9.355	83	87755	20.55	ug/l		99
40) Benzene	8.350	78	222050	20.55	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
Data File : VD069067.D
Acq On : 05 May 2021 14:11
Operator : VA/SY
Sample : VD0505SBS01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBS01

Manual Integrations APPROVED
MMDadoda
5/6/2021 5:38:58 PM

Quant Time: May 06 05:44:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.538	41	18203m	21.33	ug/l		
42) 1,2-Dichloroethane	8.420	62	67219	19.90	ug/l		95
43) Isopropyl Acetate	8.450	43	58791	21.30	ug/l	#	59
44) Trichloroethene	9.108	130	57185	19.91	ug/l		97
45) 1,2-Dichloropropane	9.391	63	53911	20.27	ug/l		99
46) Dibromomethane	9.479	93	32779	21.44	ug/l		98
47) Bromodichloromethane	9.661	83	84143	20.93	ug/l		94
48) Methyl methacrylate	9.455	41	25154	18.48	ug/l	#	86
49) 1,4-Dioxane	9.461	88	8224	465.18	ug/l		90
51) 4-Methyl-2-Pentanone	10.226	43	151448	107.19	ug/l		98
52) Toluene	10.402	92	141822	20.68	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	74880	21.43	ug/l		95
54) cis-1,3-Dichloropropene	10.085	75	85275	20.64	ug/l		95
55) 1,1,2-Trichloroethane	10.797	97	44416	21.88	ug/l		96
56) Ethyl methacrylate	10.661	69	46262	20.40	ug/l	#	93
57) 1,3-Dichloropropane	10.944	76	72253	21.11	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	124234	105.66	ug/l		100
59) 2-Hexanone	10.985	43	100932	105.84	ug/l		97
60) Dibromochloromethane	11.138	129	55621	20.59	ug/l		100
61) 1,2-Dibromoethane	11.244	107	39316	19.95	ug/l		99
64) Tetrachloroethene	10.873	164	48834	20.88	ug/l		98
65) Chlorobenzene	11.667	112	154294	20.83	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.738	131	56087	20.01	ug/l		99
67) Ethyl Benzene	11.744	91	265778	20.24	ug/l		97
68) m/p-Xylenes	11.849	106	205829	41.68	ug/l		97
69) o-Xylene	12.179	106	90733	20.50	ug/l		99
70) Styrene	12.191	104	158539	20.28	ug/l		98
71) Bromoform	12.355	173	29389	20.46	ug/l	#	97
73) Isopropylbenzene	12.473	105	251349	20.55	ug/l		99
74) N-amyl acetate	12.285	43	52826	20.57	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.726	83	48358	20.17	ug/l		98
76) 1,2,3-Trichloropropane	12.779	75	32333m	21.02	ug/l		
77) Bromobenzene	12.755	156	58256	20.57	ug/l		98
78) n-propylbenzene	12.814	91	312695	20.81	ug/l		100
79) 2-Chlorotoluene	12.902	91	170962	20.40	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	216510	20.80	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	15418	21.81	ug/l		94
82) 4-Chlorotoluene	12.996	91	184923	20.62	ug/l		99
83) tert-Butylbenzene	13.220	119	175868	20.73	ug/l		99
84) 1,2,4-Trimethylbenzene	13.261	105	215099	20.68	ug/l		98
85) sec-Butylbenzene	13.396	105	253244	20.62	ug/l		99
86) p-Isopropyltoluene	13.508	119	226481	19.98	ug/l		100
87) 1,3-Dichlorobenzene	13.508	146	114214	20.10	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	114326	20.41	ug/l		98
89) n-Butylbenzene	13.838	91	219927	20.45	ug/l		99
90) Hexachloroethane	14.102	117	46525	19.97	ug/l		97
91) 1,2-Dichlorobenzene	13.885	146	98803	20.00	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.496	75	7537	19.11	ug/l		95
93) 1,2,4-Trichlorobenzene	15.155	180	58689	20.02	ug/l		99
94) Hexachlorobutadiene	15.261	225	33267	19.60	ug/l		99
95) Naphthalene	15.396	128	106637	19.55	ug/l		99
96) 1,2,3-Trichlorobenzene	15.585	180	54136	21.39	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
Data File : VD069067.D
Acq On : 05 May 2021 14:11
Operator : VA/SY
Sample : VD0505SBS01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBS01

Manual Integrations APPROVED
MMDadoda
5/6/2021 5:38:58 PM

Quant Time: May 06 05:44:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
Data File : VD069067.D
Acq On : 05 May 2021 14:11
Operator : VA/SY
Sample : VD0505SBS01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 06 05:44:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
Quant Title : SW846 8260
QLast Update : Wed May 05 04:16:41 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBS01

Manual Integrations APPROVED
MMDadoda
5/6/2021 5:38:58 PM