Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068853.D
Acq On : 15 Apr 2021 13:49
Operator : VA/SY
Sample : M2042-02MS
Misc : 3.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(7-8)MS

Manual Integrations APPROVED
MMDadoda
4/16/2021 1:06:40 PM

Quant Time: Apr 16 01:07:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	170134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	257832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	242083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	126374	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	87217	48.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.02%			
35) Dibromofluoromethane	7.920	113	94834	56.55	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.10%			
50) Toluene-d8	10.338	98	341599	54.00	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.00%			
62) 4-Bromofluorobenzene	12.626	95	116104	55.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	77102	45.74	ug/l	93
3) Chloromethane	2.209	50	87424	44.11	ug/l	99
4) Vinyl Chloride	2.350	62	115900	46.55	ug/l	98
5) Bromomethane	2.768	94	81685	43.89	ug/l	97
6) Chloroethane	2.921	64	77597	47.43	ug/l	95
7) Trichlorofluoromethane	3.268	101	141783	48.40	ug/l	97
8) Diethyl Ether	3.709	74	41264	52.15	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	86941	49.17	ug/l	99
10) Methyl Iodide	4.303	142	79604	38.99	ug/l	98
11) Tert butyl alcohol	5.226	59	22579	234.73	ug/l	98
12) 1,1-Dichloroethene	4.074	96	82052	48.18	ug/l	97
13) Acrolein	3.932	56	14558	205.70	ug/l	99
14) Allyl chloride	4.721	41	88966	46.35	ug/l	96
15) Acrylonitrile	5.426	53	86152	242.63	ug/l	97
16) Acetone	4.156	43	77095	309.63	ug/l	95
17) Carbon Disulfide	4.409	76	248760	45.13	ug/l	98
18) Methyl Acetate	4.726	43	39729	58.08	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	196932	52.12	ug/l	98
20) Methylene Chloride	4.968	84	106581	53.15	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	101243	46.30	ug/l	97
22) Diisopropyl ether	6.367	45	207332	44.59	ug/l	96
23) Vinyl Acetate	6.309	43	562892	228.40	ug/l	96
24) 1,1-Dichloroethane	6.268	63	159034	45.36	ug/l	97
25) 2-Butanone	7.215	43	92873	263.59	ug/l	98
26) 2,2-Dichloropropane	7.209	77	132133	46.14	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	104960	48.29	ug/l	97
28) Bromochloromethane	7.556	49	57421	45.37	ug/l	93
29) Tetrahydrofuran	7.562	42	58426	246.57	ug/l	97
30) Chloroform	7.714	83	173730	45.27	ug/l	94
31) Cyclohexane	7.985	56	130189	43.51	ug/l	99
32) 1,1,1-Trichloroethane	7.909	97	160084	47.74	ug/l	99
36) 1,1-Dichloropropene	8.114	75	134507	51.54	ug/l	99
37) Ethyl Acetate	7.291	43	41751	54.46	ug/l	99
38) Carbon Tetrachloride	8.091	117	137299	53.14	ug/l	96
39) Methylcyclohexane	9.356	83	157942	51.90	ug/l	98
40) Benzene	8.350	78	383627	50.23	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068853.D
Acq On : 15 Apr 2021 13:49
Operator : VA/SY
Sample : M2042-02MS
Misc : 3.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(7-8)MS

Manual Integrations APPROVED
MMDadoda
4/16/2021 1:06:40 PM

Quant Time: Apr 16 01:07:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	23480	51.74	ug/l		91
42) 1,2-Dichloroethane	8.426	62	108736	53.86	ug/l		99
43) Isopropyl Acetate	8.456	43	87306	55.87	ug/l		99
44) Trichloroethene	9.109	130	109179	51.76	ug/l		91
45) 1,2-Dichloropropane	9.385	63	96120	52.69	ug/l		92
46) Dibromomethane	9.479	93	56410	55.52	ug/l		96
47) Bromodichloromethane	9.661	83	145826	54.93	ug/l		97
48) Methyl methacrylate	9.456	41	42951	55.77	ug/l		90
49) 1,4-Dioxane	9.467	88	13914	1293.34	ug/l		91
51) 4-Methyl-2-Pentanone	10.226	43	230553	292.71	ug/l		100
52) Toluene	10.408	92	251538	52.02	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	132450	56.29	ug/l		95
54) cis-1,3-Dichloropropene	10.091	75	150791	53.58	ug/l		99
55) 1,1,2-Trichloroethane	10.797	97	79537	55.36	ug/l		96
56) Ethyl methacrylate	10.661	69	86892	58.75	ug/l		98
57) 1,3-Dichloropropane	10.944	76	129338	54.67	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.944	63	231438	290.94	ug/l		98
59) 2-Hexanone	10.985	43	162724	308.76	ug/l		97
60) Dibromochloromethane	11.138	129	100624	55.86	ug/l		100
61) 1,2-Dibromoethane	11.244	107	77783	55.70	ug/l		98
64) Tetrachloroethene	10.873	164	94007	55.40	ug/l		98
65) Chlorobenzene	11.667	112	258905	49.41	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.738	131	104193	55.30	ug/l		99
67) Ethyl Benzene	11.744	91	487057	53.67	ug/l		98
68) m/p-Xylenes	11.850	106	384726	109.87	ug/l		99
69) o-Xylene	12.179	106	179340	56.32	ug/l		96
70) Styrene	12.191	104	309810	55.83	ug/l		99
71) Bromoform	12.355	173	58938	58.39	ug/l	#	97
73) Isopropylbenzene	12.479	105	477212	51.72	ug/l		99
74) N-amyl acetate	12.285	43	82128	52.48	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.726	83	89523	51.91	ug/l		98
76) 1,2,3-Trichloropropane	12.779	75	56322m	48.78	ug/l		
77) Bromobenzene	12.755	156	112709	50.81	ug/l		99
78) n-propylbenzene	12.820	91	557060	49.70	ug/l		99
79) 2-Chlorotoluene	12.902	91	310208	49.55	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	394447	51.13	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	26484	53.24	ug/l		96
82) 4-Chlorotoluene	13.002	91	325066	48.98	ug/l		97
83) tert-Butylbenzene	13.220	119	330535	50.49	ug/l		100
84) 1,2,4-Trimethylbenzene	13.261	105	398020	51.09	ug/l		98
85) sec-Butylbenzene	13.397	105	457042	49.48	ug/l		99
86) p-Isopropyltoluene	13.514	119	422609	50.09	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	210007	47.79	ug/l		96
88) 1,4-Dichlorobenzene	13.591	146	212545	48.87	ug/l		99
89) n-Butylbenzene	13.838	91	381009	47.95	ug/l		99
90) Hexachloroethane	14.108	117	81333	48.40	ug/l		97
91) 1,2-Dichlorobenzene	13.885	146	189682	49.88	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	13124	50.06	ug/l		99
93) 1,2,4-Trichlorobenzene	15.155	180	113541	48.25	ug/l		100
94) Hexachlorobutadiene	15.261	225	57267	42.51	ug/l		98
95) Naphthalene	15.396	128	222568	54.30	ug/l		99
96) 1,2,3-Trichlorobenzene	15.591	180	99942	48.56	ug/l		98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068853.D
Acq On : 15 Apr 2021 13:49
Operator : VA/SY
Sample : M2042-02MS
Misc : 3.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(7-8)MS

Manual Integrations APPROVED
MMDadoda
4/16/2021 1:06:40 PM

Quant Time: Apr 16 01:07:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 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\VD041521\
Data File : VD068853.D
Acq On : 15 Apr 2021 13:49
Operator : VA/SY
Sample : M2042-02MS
Misc : 3.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 16 01:07:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
FS-SB12A(7-8)MS

Manual Integrations APPROVED
MMDadoda
4/16/2021 1:06:40 PM