Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068892.D
Acq On : 19 Apr 2021 11:51
Operator : VA/SY
Sample : VD0419SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 20 00:50:54 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 :
VD0419SBS01

Manual Integrations APPROVED
MMDadoda
4/20/2021 10:33:34 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	171109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	282104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	269910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	130253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	89485	49.48	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.96%			
35) Dibromofluoromethane	7.914	113	97358	53.06	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.12%			
50) Toluene-d8	10.338	98	366887	53.00	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.00%			
62) 4-Bromofluorobenzene	12.632	95	119853	52.13	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	36907	21.77	ug/l	94
3) Chloromethane	2.209	50	39401	19.77	ug/l	100
4) Vinyl Chloride	2.350	62	51043	20.38	ug/l	97
5) Bromomethane	2.756	94	39996	21.37	ug/l	96
6) Chloroethane	2.914	64	35098	21.33	ug/l	100
7) Trichlorofluoromethane	3.273	101	63501	21.55	ug/l	97
8) Diethyl Ether	3.709	74	16649	20.92	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	39344	22.13	ug/l	99
10) Methyl Iodide	4.297	142	34190	17.94	ug/l	99
11) Tert butyl alcohol	5.220	59	9501	78.48	ug/l #	73
12) 1,1-Dichloroethene	4.067	96	35861	20.94	ug/l	96
13) Acrolein	3.920	56	5843	82.09	ug/l	100
14) Allyl chloride	4.709	41	38497	19.94	ug/l	96
15) Acrylonitrile	5.414	53	32915	92.17	ug/l	95
16) Acetone	4.156	43	25093	100.20	ug/l	97
17) Carbon Disulfide	4.409	76	116014	20.93	ug/l	97
18) Methyl Acetate	4.720	43	12792	18.59	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	72584	19.10	ug/l	92
20) Methylene Chloride	4.961	84	45416	19.45	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	43450	19.76	ug/l	95
22) Diisopropyl ether	6.361	45	88961	19.02	ug/l	98
23) Vinyl Acetate	6.308	43	234716	94.70	ug/l	97
24) 1,1-Dichloroethane	6.267	63	67971	19.28	ug/l	97
25) 2-Butanone	7.208	43	35600	100.46	ug/l	98
26) 2,2-Dichloropropane	7.208	77	60935	21.16	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	47263	21.62	ug/l	99
28) Bromochloromethane	7.550	49	21880	17.19	ug/l	96
29) Tetrahydrofuran	7.561	42	22203	93.17	ug/l	99
30) Chloroform	7.714	83	77843	20.17	ug/l	95
31) Cyclohexane	7.985	56	56578	18.80	ug/l	97
32) 1,1,1-Trichloroethane	7.902	97	68363	20.27	ug/l	99
36) 1,1-Dichloropropene	8.114	75	57776	20.23	ug/l	99
37) Ethyl Acetate	7.297	43	17794	21.21	ug/l	97
38) Carbon Tetrachloride	8.097	117	59874	21.18	ug/l	97
39) Methylcyclohexane	9.355	83	66783	20.05	ug/l	97
40) Benzene	8.350	78	168057	20.11	ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068892.D
Acq On : 19 Apr 2021 11:51
Operator : VA/SY
Sample : VD0419SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 20 00:50:54 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 :
VD0419SBS01

Manual Integrations APPROVED
MMDadoda
4/20/2021 10:33:34 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	10007	20.15	ug/l		96
42) 1,2-Dichloroethane	8.426	62	46715	21.15	ug/l		98
43) Isopropyl Acetate	8.455	43	33443	19.56	ug/l		98
44) Trichloroethene	9.114	130	48333	20.94	ug/l		93
45) 1,2-Dichloropropane	9.385	63	39180	19.63	ug/l		95
46) Dibromomethane	9.473	93	23087	20.77	ug/l		96
47) Bromodichloromethane	9.661	83	61037	21.01	ug/l	#	97
48) Methyl methacrylate	9.455	41	16446	19.52	ug/l		93
49) 1,4-Dioxane	9.455	88	5211	442.70	ug/l		93
51) 4-Methyl-2-Pentanone	10.226	43	84398	97.93	ug/l		99
52) Toluene	10.402	92	110294	20.85	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	51998	20.20	ug/l		100
54) cis-1,3-Dichloropropene	10.091	75	64608	20.98	ug/l		93
55) 1,1,2-Trichloroethane	10.802	97	32896	20.93	ug/l		96
56) Ethyl methacrylate	10.661	69	32165	19.88	ug/l		98
57) 1,3-Dichloropropane	10.943	76	52366	20.23	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	70079	92.81	ug/l		97
59) 2-Hexanone	10.985	43	56103	97.29	ug/l		99
60) Dibromochloromethane	11.138	129	42181	21.40	ug/l		97
61) 1,2-Dibromoethane	11.243	107	31524	20.63	ug/l		100
64) Tetrachloroethene	10.879	164	39497	20.88	ug/l		99
65) Chlorobenzene	11.667	112	118446	20.27	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.743	131	44001	20.95	ug/l		99
67) Ethyl Benzene	11.743	91	202317	20.00	ug/l		96
68) m/p-Xylenes	11.849	106	160954	41.23	ug/l		99
69) o-Xylene	12.179	106	71851	20.24	ug/l		99
70) Styrene	12.196	104	125475	20.28	ug/l		100
71) Bromoform	12.355	173	22518	20.01	ug/l	#	97
73) Isopropylbenzene	12.479	105	195148	20.52	ug/l		98
74) N-amyl acetate	12.285	43	30468	18.89	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.726	83	35398	19.91	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	22927m	19.27	ug/l		
77) Bromobenzene	12.761	156	48739	21.32	ug/l		95
78) n-propylbenzene	12.820	91	235221	20.36	ug/l		98
79) 2-Chlorotoluene	12.908	91	129020	19.99	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	166073	20.89	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.526	75	10855	21.17	ug/l		96
82) 4-Chlorotoluene	13.002	91	139822	20.44	ug/l		98
83) tert-Butylbenzene	13.220	119	132103	19.58	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	161194	20.07	ug/l		96
85) sec-Butylbenzene	13.396	105	193333	20.31	ug/l		98
86) p-Isopropyltoluene	13.514	119	176618	20.31	ug/l		100
87) 1,3-Dichlorobenzene	13.514	146	93767	20.70	ug/l		99
88) 1,4-Dichlorobenzene	13.590	146	91949	20.51	ug/l		98
89) n-Butylbenzene	13.837	91	161256	19.69	ug/l		99
90) Hexachloroethane	14.108	117	34886	20.14	ug/l		96
91) 1,2-Dichlorobenzene	13.884	146	81599	20.82	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	5266	19.49	ug/l		89
93) 1,2,4-Trichlorobenzene	15.155	180	49414	20.37	ug/l		98
94) Hexachlorobutadiene	15.267	225	28837	20.77	ug/l		97
95) Naphthalene	15.396	128	82110	19.44	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	42317	19.95	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041921\
Data File : VD068892.D
Acq On : 19 Apr 2021 11:51
Operator : VA/SY
Sample : VD0419SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01

Manual Integrations APPROVED
MMDadoda
4/20/2021 10:33:34 AM

Quant Time: Apr 20 00:50:54 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\VD041921\
Data File : VD068892.D
Acq On : 19 Apr 2021 11:51
Operator : VA/SY
Sample : VD0419SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 20 00:50:54 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 :
VD0419SBS01

Manual Integrations APPROVED
MMDadoda
4/20/2021 10:33:34 AM