Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
Data File : VD068751.D
Acq On : 01 Apr 2021 11:44
Operator : VA/SY
Sample : VD0401SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBS01

Manual Integrations APPROVED
MMDadoda
4/2/2021 6:17:21 PM

Quant Time: Apr 02 01:01:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	353046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	584234	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	533229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	262190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	183037	51.42	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.84%			
35) Dibromofluoromethane	7.914	113	194446	53.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.98%			
50) Toluene-d8	10.338	98	761172	54.31	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.62%			
62) 4-Bromofluorobenzene	12.632	95	246955	54.35	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	56475	20.47	ug/l	99
3) Chloromethane	2.209	50	63854	18.78	ug/l	96
4) Vinyl Chloride	2.350	62	84896	21.12	ug/l	97
5) Bromomethane	2.756	94	63981	21.54	ug/l	94
6) Chloroethane	2.920	64	54926	20.87	ug/l	100
7) Trichlorofluoromethane	3.273	101	115792	24.17	ug/l	94
8) Diethyl Ether	3.709	74	28509	21.52	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	67614	23.59	ug/l	98
10) Methyl Iodide	4.297	142	50553	17.41	ug/l	98
11) Tert butyl alcohol	5.226	59	17527	106.84	ug/l	96
12) 1,1-Dichloroethene	4.067	96	62469	22.39	ug/l	98
13) Acrolein	3.926	56	15746	106.47	ug/l	98
14) Allyl chloride	4.714	41	65216	19.24	ug/l	94
15) Acrylonitrile	5.420	53	61597	95.53	ug/l	95
16) Acetone	4.161	43	47861	110.81	ug/l	96
17) Carbon Disulfide	4.409	76	166010	18.53	ug/l	96
18) Methyl Acetate	4.714	43	21944	18.48	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	140354	19.97	ug/l	94
20) Methylene Chloride	4.967	84	79155	17.18	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	79536	20.50	ug/l	96
22) Diisopropyl ether	6.361	45	166376	19.31	ug/l	94
23) Vinyl Acetate	6.308	43	413484	90.32	ug/l	95
24) 1,1-Dichloroethane	6.267	63	130257	20.61	ug/l	97
25) 2-Butanone	7.214	43	60940	85.15	ug/l	97
26) 2,2-Dichloropropane	7.202	77	111523	19.83	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	80502	18.62	ug/l	98
28) Bromochloromethane	7.544	49	44852	17.95	ug/l	89
29) Tetrahydrofuran	7.561	42	39931	88.27	ug/l	96
30) Chloroform	7.708	83	143938	20.96	ug/l	93
31) Cyclohexane	7.985	56	106513	18.54	ug/l	93
32) 1,1,1-Trichloroethane	7.902	97	132261	21.57	ug/l	99
36) 1,1-Dichloropropene	8.114	75	107349	20.57	ug/l	98
37) Ethyl Acetate	7.291	43	29182	17.72	ug/l #	95
38) Carbon Tetrachloride	8.097	117	113513	21.80	ug/l	90
39) Methylcyclohexane	9.355	83	128150	19.90	ug/l	96
40) Benzene	8.355	78	308481	20.26	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
Data File : VD068751.D
Acq On : 01 Apr 2021 11:44
Operator : VA/SY
Sample : VD0401SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBS01

Manual Integrations APPROVED
MMDadoda
4/2/2021 6:17:21 PM

Quant Time: Apr 02 01:01:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41)	Methacrylonitrile	7.520	41	17984	18.66	ug/l		88
42)	1,2-Dichloroethane	8.426	62	83191	20.88	ug/l		99
43)	Isopropyl Acetate	8.449	43	61473	19.46	ug/l		97
44)	Trichloroethene	9.114	130	90334	21.38	ug/l		94
45)	1,2-Dichloropropane	9.391	63	73342	20.14	ug/l		98
46)	Dibromomethane	9.479	93	42709	20.62	ug/l		96
47)	Bromodichloromethane	9.661	83	113004	21.27	ug/l		100
48)	Methyl methacrylate	9.455	41	27952	17.46	ug/l		90
49)	1,4-Dioxane	9.461	88	9452	410.69	ug/l	#	89
51)	4-Methyl-2-Pentanone	10.226	43	155262	94.42	ug/l		99
52)	Toluene	10.402	92	208786	21.67	ug/l		99
53)	t-1,3-Dichloropropene	10.620	75	98111	20.07	ug/l		99
54)	cis-1,3-Dichloropropene	10.091	75	120091	20.69	ug/l		97
55)	1,1,2-Trichloroethane	10.802	97	59900	20.56	ug/l		96
56)	Ethyl methacrylate	10.661	69	60520	19.22	ug/l		99
57)	1,3-Dichloropropane	10.943	76	98453	20.71	ug/l		99
58)	2-Chloroethyl Vinyl ether	9.944	63	142500	88.85	ug/l		98
59)	2-Hexanone	10.985	43	110719	100.28	ug/l		98
60)	Dibromochloromethane	11.138	129	76624	21.21	ug/l		99
61)	1,2-Dibromoethane	11.249	107	59633	21.21	ug/l		98
64)	Tetrachloroethene	10.879	164	74883	21.66	ug/l		97
65)	Chlorobenzene	11.673	112	223989	21.34	ug/l		99
66)	1,1,1,2-Tetrachloroethane	11.743	131	80009	21.19	ug/l		98
67)	Ethyl Benzene	11.743	91	381505	20.84	ug/l		97
68)	m/p-Xylenes	11.849	106	302785	42.45	ug/l		98
69)	o-Xylene	12.179	106	134736	20.38	ug/l		98
70)	Styrene	12.196	104	235023	20.69	ug/l		100
71)	Bromoform	12.355	173	42367	21.27	ug/l	#	100
73)	Isopropylbenzene	12.479	105	372335	20.67	ug/l		99
74)	N-amyl acetate	12.285	43	56622	18.86	ug/l		98
75)	1,1,2,2-Tetrachloroethane	12.732	83	65241	20.50	ug/l		99
76)	1,2,3-Trichloropropane	12.779	75	43215m	19.80	ug/l		
77)	Bromobenzene	12.761	156	89757	21.24	ug/l		98
78)	n-propylbenzene	12.820	91	445092	20.75	ug/l		98
79)	2-Chlorotoluene	12.902	91	245724	20.99	ug/l		98
80)	1,3,5-Trimethylbenzene	12.955	105	314145	21.56	ug/l		100
81)	trans-1,4-Dichloro-2-b...	12.526	75	18207	18.98	ug/l		96
82)	4-Chlorotoluene	13.002	91	259970	20.79	ug/l		95
83)	tert-Butylbenzene	13.220	119	256304	20.64	ug/l		97
84)	1,2,4-Trimethylbenzene	13.267	105	313751	20.85	ug/l		98
85)	sec-Butylbenzene	13.396	105	378353	20.96	ug/l		100
86)	p-Isopropyltoluene	13.514	119	338302	20.60	ug/l		100
87)	1,3-Dichlorobenzene	13.514	146	175901	20.87	ug/l		98
88)	1,4-Dichlorobenzene	13.596	146	175959	21.24	ug/l		98
89)	n-Butylbenzene	13.837	91	315245	20.22	ug/l		99
90)	Hexachloroethane	14.108	117	67317	22.78	ug/l		98
91)	1,2-Dichlorobenzene	13.884	146	150845	21.07	ug/l		99
92)	1,2-Dibromo-3-Chloropr...	14.502	75	9990	21.94	ug/l		89
93)	1,2,4-Trichlorobenzene	15.155	180	96375	20.72	ug/l		98
94)	Hexachlorobutadiene	15.261	225	57113	21.50	ug/l		97
95)	Naphthalene	15.396	128	154981	19.03	ug/l		99
96)	1,2,3-Trichlorobenzene	15.590	180	83964	21.20	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
Data File : VD068751.D
Acq On : 01 Apr 2021 11:44
Operator : VA/SY
Sample : VD0401SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBS01

Manual Integrations APPROVED
MMDadoda
4/2/2021 6:17:21 PM

Quant Time: Apr 02 01:01:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 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\VD040121\
Data File : VD068751.D
Acq On : 01 Apr 2021 11:44
Operator : VA/SY
Sample : VD0401SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 01:01:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0401SBS01

Manual Integrations APPROVED
MMDadoda
4/2/2021 6:17:21 PM