Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
Data File : VD068923.D
Acq On : 21 Apr 2021 13:29
Operator : VA/SY
Sample : VD0421SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 22 10:19:04 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 :
VD0421SBS01

Manual Integrations APPROVED
MMDadoda
4/22/2021 5:28:09 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	286334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	469621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	444585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	224116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	139461	46.09	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 92.18%			
35) Dibromofluoromethane	7.914	113	157019	51.40	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.80%			
50) Toluene-d8	10.338	98	589998	51.20	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.40%			
62) 4-Bromofluorobenzene	12.626	95	193518	50.57	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	56012	19.74	ug/l	97
3) Chloromethane	2.209	50	64324	19.28	ug/l	96
4) Vinyl Chloride	2.350	62	80582	19.23	ug/l	99
5) Bromomethane	2.756	94	62374	19.91	ug/l	90
6) Chloroethane	2.915	64	54846	19.92	ug/l	91
7) Trichlorofluoromethane	3.268	101	94808	19.23	ug/l	95
8) Diethyl Ether	3.709	74	25507	19.16	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	55406	18.62	ug/l	97
10) Methyl Iodide	4.303	142	49133	15.72	ug/l	97
11) Tert butyl alcohol	5.220	59	17493	89.75	ug/l	99
12) 1,1-Dichloroethene	4.067	96	51422	17.94	ug/l	90
13) Acrolein	3.920	56	8090	67.92	ug/l	96
14) Allyl chloride	4.715	41	55158	17.08	ug/l	94
15) Acrylonitrile	5.432	53	55152	92.29	ug/l	98
16) Acetone	4.162	43	37726	90.03	ug/l #	86
17) Carbon Disulfide	4.409	76	165847	17.88	ug/l	99
18) Methyl Acetate	4.715	43	18754	16.29	ug/l	100
19) Methyl tert-butyl Ether	5.467	73	120407	18.93	ug/l	92
20) Methylene Chloride	4.956	84	72957	18.46	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	72883	19.80	ug/l	96
22) Diisopropyl ether	6.362	45	142751	18.24	ug/l	94
23) Vinyl Acetate	6.309	43	383777	92.53	ug/l	99
24) 1,1-Dichloroethane	6.267	63	112762	19.11	ug/l	95
25) 2-Butanone	7.209	43	54298	91.57	ug/l	99
26) 2,2-Dichloropropane	7.203	77	92793	19.25	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	74002	20.23	ug/l	98
28) Bromochloromethane	7.538	49	37245	17.49	ug/l	91
29) Tetrahydrofuran	7.556	42	36931	92.61	ug/l	96
30) Chloroform	7.714	83	128129	19.84	ug/l	94
31) Cyclohexane	7.979	56	91055	18.08	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	109829	19.46	ug/l	99
36) 1,1-Dichloropropene	8.108	75	93254	19.62	ug/l	98
37) Ethyl Acetate	7.297	43	28484	20.40	ug/l	97
38) Carbon Tetrachloride	8.097	117	99936	21.23	ug/l	93
39) Methylcyclohexane	9.355	83	108131	19.51	ug/l	97
40) Benzene	8.350	78	282526	20.31	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
Data File : VD068923.D
Acq On : 21 Apr 2021 13:29
Operator : VA/SY
Sample : VD0421SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0421SBS01

Manual Integrations APPROVED
MMDadoda
4/22/2021 5:28:09 PM

Quant Time: Apr 22 10:19:04 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	12860	15.56	ug/l	#	70
42) 1,2-Dichloroethane	8.426	62	75091	20.42	ug/l		99
43) Isopropyl Acetate	8.450	43	55301	19.43	ug/l		96
44) Trichloroethene	9.114	130	79515	20.70	ug/l		86
45) 1,2-Dichloropropane	9.385	63	67109	20.20	ug/l		89
46) Dibromomethane	9.473	93	37976	20.52	ug/l		95
47) Bromodichloromethane	9.661	83	101100	20.91	ug/l		100
48) Methyl methacrylate	9.455	41	25408	18.11	ug/l		88
49) 1,4-Dioxane	9.467	88	8276	422.35	ug/l		90
51) 4-Methyl-2-Pentanone	10.226	43	142984	99.67	ug/l		98
52) Toluene	10.402	92	183893	20.88	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	86712	20.23	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	106329	20.74	ug/l		98
55) 1,1,2-Trichloroethane	10.797	97	55190	21.09	ug/l		93
56) Ethyl methacrylate	10.661	69	54163	20.11	ug/l		99
57) 1,3-Dichloropropane	10.944	76	88104	20.45	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.938	63	117733	93.50	ug/l		99
59) 2-Hexanone	10.985	43	93964	97.89	ug/l		98
60) Dibromochloromethane	11.138	129	67915	20.70	ug/l		96
61) 1,2-Dibromoethane	11.244	107	52779	20.75	ug/l		93
64) Tetrachloroethene	10.873	164	65566	21.04	ug/l		96
65) Chlorobenzene	11.667	112	202066	21.00	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.738	131	74329	21.48	ug/l		100
67) Ethyl Benzene	11.744	91	342944	20.58	ug/l		98
68) m/p-Xylenes	11.849	106	269176	41.86	ug/l		97
69) o-Xylene	12.179	106	119974	20.52	ug/l		96
70) Styrene	12.191	104	211980	20.80	ug/l		98
71) Bromoform	12.355	173	38363	20.69	ug/l	#	96
73) Isopropylbenzene	12.479	105	323540	19.77	ug/l		100
74) N-amyl acetate	12.285	43	50915	18.35	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.726	83	59167	19.34	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	38832m	18.97	ug/l		
77) Bromobenzene	12.755	156	80934	20.57	ug/l		95
78) n-propylbenzene	12.820	91	391886	19.72	ug/l		99
79) 2-Chlorotoluene	12.902	91	217186	19.56	ug/l		96
80) 1,3,5-Trimethylbenzene	12.955	105	274297	20.05	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.520	75	18257	20.69	ug/l		91
82) 4-Chlorotoluene	13.002	91	231898	19.70	ug/l		96
83) tert-Butylbenzene	13.220	119	222435	19.16	ug/l		99
84) 1,2,4-Trimethylbenzene	13.267	105	275925	19.97	ug/l		97
85) sec-Butylbenzene	13.396	105	320368	19.56	ug/l		99
86) p-Isopropyltoluene	13.514	119	290688	19.43	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	156342	20.06	ug/l		97
88) 1,4-Dichlorobenzene	13.591	146	155179	20.12	ug/l		98
89) n-Butylbenzene	13.838	91	267306	18.97	ug/l		98
90) Hexachloroethane	14.108	117	58350	19.58	ug/l		94
91) 1,2-Dichlorobenzene	13.885	146	134670	19.97	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	8230	17.70	ug/l		97
93) 1,2,4-Trichlorobenzene	15.155	180	82940	19.87	ug/l		100
94) Hexachlorobutadiene	15.261	225	47781	20.00	ug/l		98
95) Naphthalene	15.396	128	139814	19.23	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	74355	20.37	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
Data File : VD068923.D
Acq On : 21 Apr 2021 13:29
Operator : VA/SY
Sample : VD0421SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0421SBS01

Manual Integrations APPROVED
MMDadoda
4/22/2021 5:28:09 PM

Quant Time: Apr 22 10:19:04 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\VD042121\
Data File : VD068923.D
Acq On : 21 Apr 2021 13:29
Operator : VA/SY
Sample : VD0421SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 22 10:19:04 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 :
VD0421SBS01

Manual Integrations APPROVED
MMDadoda
4/22/2021 5:28:09 PM