Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101321\
Data File : VV022767.D
Acq On : 13 Oct 2021 17:26
Operator : SY/MD
Sample : MDL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
10/14/2021 2:06:51 PM

Quant Time: Oct 14 03:47:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 14 02:12:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125901	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33361	3.851	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	77.000%		
7) Chloroethane-d5	1.565	69	34184	4.392	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	87.800%		
11) 1,1-Dichloroethene-d2	2.105	63	54578	3.212	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	64.200%		
20) 2-Butanone-d5	3.925	46	80172	35.299	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	70.600%		
24) Chloroform-d	4.352	84	78273	4.385	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.600%		
26) 1,2-Dichloroethane-d4	5.037	65	36720	4.238	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	84.800%		
32) Benzene-d6	5.053	84	149084	4.019	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	6.072	67	48676	4.431	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	88.600%		
41) Toluene-d8	7.320	98	125849	3.924	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	78.400%		
43) trans-1,3-Dichloroprop...	7.625	79	14855	4.076	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	81.600%		
46) 2-Hexanone-d5	8.095	63	71977	49.011	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	98.020%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34587	4.648	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	93.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	50957	4.760	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	2056	0.224	ug/L	91
3) Chloromethane	1.237	50	2566	0.278	ug/L	99
5) Vinyl chloride	1.307	62	2465	0.259	ug/L #	57
6) Bromomethane	1.519	94	1533	0.258	ug/L	90
8) Chloroethane	1.581	64	1658	0.281	ug/L	88
9) Trichlorofluoromethane	1.751	101	3621	0.259	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2748	0.338	ug/L #	82
12) 1,1-Dichloroethene	2.118	96	2302	0.303	ug/L #	1
13) Acetone	2.253	43	4360m	3.443	ug/L	
14) Carbon disulfide	2.294	76	5621	0.263	ug/L	99
16) Methylene chloride	2.507	84	5736	0.548	ug/L	98
17) Methyl tert-butyl Ether	2.777	73	3851	0.209	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	2153	0.260	ug/L	91
19) 1,1-Dichloroethane	3.191	63	3764	0.253	ug/L	94
21) 2-Butanone	4.021	43	3750m	1.808	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	1889	0.218	ug/L	97
23) Bromochloromethane	4.256	128	960m	0.249	ug/L	
27) 1,2-Dichloroethane	5.153	62	2103	0.244	ug/L #	69
29) 1,1,1-Trichloroethane	4.606	97	3508	0.247	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101321\
Data File : VV022767.D
Acq On : 13 Oct 2021 17:26
Operator : SY/MD
Sample : MDL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
10/14/2021 2:06:51 PM

Quant Time: Oct 14 03:47:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 14 02:12:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) Cyclohexane	4.683	56	2561	0.195	ug/L		94
31) Carbon tetrachloride	4.831	117	2932	0.237	ug/L		96
33) Benzene	5.108	78	7801	0.232	ug/L		100
34) Trichloroethene	5.921	95	2241	0.246	ug/L		95
35) Methylcyclohexane	6.133	83	2251	0.176	ug/L		93
37) 1,2-Dichloropropane	6.182	63	2266	0.281	ug/L	#	84
38) Bromodichloromethane	6.519	83	2293	0.231	ug/L	#	73
39) cis-1,3-Dichloropropene	7.047	75	2810m	0.263	ug/L		
40) 4-Methyl-2-pentanone	7.239	43	8067	1.860	ug/L	#	86
42) Toluene	7.397	91	9960	0.292	ug/L		93
44) trans-1,3-Dichloropropene	7.664	75	2194	0.252	ug/L		92
45) 1,1,2-Trichloroethane	7.847	97	1360	0.227	ug/L		90
47) Tetrachloroethene	7.979	164	1729	0.234	ug/L		97
48) 2-Hexanone	8.156	43	7601	2.397	ug/L	#	85
49) Dibromochloromethane	8.256	129	1627	0.232	ug/L		83
50) 1,2-Dibromoethane	8.358	107	1300	0.232	ug/L	#	99
51) Chlorobenzene	8.886	112	5395	0.241	ug/L		97
52) Ethylbenzene	9.018	91	7802	0.226	ug/L		96
53) m,p-xylene	9.146	106	2861	0.211	ug/L		81
54) o-xylene	9.548	106	2784	0.218	ug/L		91
55) Styrene	9.571	104	4355	0.198	ug/L		89
57) 1,1,2,2-Tetrachloroethane	10.246	83	1536	0.253	ug/L	#	96
59) Bromoform	9.744	173	867	0.268	ug/L	#	74
60) Isopropylbenzene	9.934	105	6721	0.229	ug/L		95
61) 1,2,3-Trichloropropane	10.275	75	1224	0.305	ug/L	#	90
62) 1,3,5-Trimethylbenzene	10.542	105	5167	0.218	ug/L		99
63) 1,2,4-Trimethylbenzene	10.918	105	5400	0.228	ug/L		100
64) 1,3-Dichlorobenzene	11.188	146	3727	0.242	ug/L		94
65) 1,4-Dichlorobenzene	11.278	146	4156	0.266	ug/L		95
67) 1,2-Dichlorobenzene	11.644	146	4204	0.291	ug/L	#	87
68) 1,2-Dibromo-3-chloropr...	12.439	75	246	0.337	ug/L	#	55
69) 1,3,5-Trichlorobenzene	12.648	180	3149	0.272	ug/L		89
70) 1,2,4-trichlorobenzene	13.268	180	2137	0.241	ug/L		97
71) Naphthalene	13.509	128	3606	0.256	ug/L		98
72) 1,2,3-Trichlorobenzene	13.747	180	2208	0.264	ug/L		97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101321\
Data File : VV022767.D
Acq On : 13 Oct 2021 17:26
Operator : SY/MD
Sample : MDL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 14 03:47:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 14 02:12:50 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
10/14/2021 2:06:51 PM