Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
Data File : VU044641.D
Acq On : 15 Sep 2021 13:57
Operator : SY/MD
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
9/16/2021 12:12:30 PM

Quant Time: Sep 16 02:34:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 16 01:40:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	132802	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	136824	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	65871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	30600	3.905	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.200%			
7) Chloroethane-d5	1.919	69	34517	4.316	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.400%			
11) 1,1-Dichloroethene-d2	2.575	65	16480	4.164	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	4.645	46	160610m	48.896	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.800%			
24) Chloroform-d	5.073	84	76274	4.628	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	5.710	65	46422	4.724	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.400%			
32) Benzene-d6	5.735	84	150612	4.317	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	6.700	67	51552	4.499	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.000%			
41) Toluene-d8	7.906	98	122650	4.038	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.800%			
43) trans-1,3-Dichloroprop...	8.185	79	16540	4.095	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.000%			
46) 2-Hexanone-d5	8.648	63	118330	45.587	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.180%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	46688	4.596	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.000%			
66) 1,2-Dichlorobenzene-d4	12.198	152	47513	4.371	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1868	0.176	ug/L	99
3) Chloromethane	1.523	50	2607	0.205	ug/L	96
5) Vinyl chloride	1.607	62	2582	0.199	ug/L #	73
6) Bromomethane	1.864	94	1296	0.195	ug/L	99
8) Chloroethane	1.938	64	1985m	0.240	ug/L	
9) Trichlorofluoromethane	2.144	101	2903	0.199	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	2188	0.244	ug/L #	80
12) 1,1-Dichloroethene	2.584	96	1900	0.223	ug/L #	1
14) Carbon disulfide	2.800	76	4776	0.177	ug/L	97
15) Methyl Acetate	2.964	43	1254m	0.325	ug/L	
16) Methylene chloride	3.051	84	6644	0.490	ug/L	95
17) Methyl tert-butyl Ether	3.372	73	4198	0.178	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	1522	0.168	ug/L	88
19) 1,1-Dichloroethane	3.880	63	3588	0.196	ug/L	95
21) 2-Butanone	4.735	43	6323m	1.770	ug/L	
22) cis-1,2-Dichloroethene	4.674	96	1773	0.177	ug/L	94
23) Bromochloromethane	4.996	128	716m	0.169	ug/L	
25) Chloroform	5.099	83	8352	0.427	ug/L	98
27) 1,2-Dichloroethane	5.806	62	2582	0.202	ug/L #	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) 1,1,1-Trichloroethane	5.321	97	2784	0.187	ug/L		97
30) Cyclohexane	5.401	56	2817	0.165	ug/L		89
31) Carbon tetrachloride	5.533	117	2086	0.179	ug/L		95
33) Benzene	5.784	78	8623	0.212	ug/L		100
34) Trichloroethene	6.549	95	1887	0.188	ug/L		96
35) Methylcyclohexane	6.771	83	2904	0.176	ug/L		98
37) 1,2-Dichloropropane	6.796	63	2204	0.203	ug/L	#	88
38) Bromodichloromethane	7.111	83	2353	0.178	ug/L		97
39) cis-1,3-Dichloropropene	7.616	75	2596	0.168	ug/L		95
40) 4-Methyl-2-pentanone	7.806	43	13887	1.640	ug/L	#	90
42) Toluene	7.976	91	8897	0.210	ug/L		99
44) trans-1,3-Dichloropropene	8.221	75	2258	0.172	ug/L		84
45) 1,1,2-Trichloroethane	8.410	97	1448	0.187	ug/L		90
47) Tetrachloroethene	8.562	164	1223	0.175	ug/L		95
48) 2-Hexanone	8.697	43	17225	2.732	ug/L	#	88
49) Dibromochloromethane	8.816	129	1337	0.164	ug/L		91
50) 1,2-Dibromoethane	8.931	107	1232	0.169	ug/L	#	100
51) Chlorobenzene	9.452	112	4872	0.185	ug/L		93
52) Ethylbenzene	9.578	91	8032	0.175	ug/L		93
53) m,p-Xylene	9.703	106	2742	0.157	ug/L		100
54) o-Xylene	10.105	106	2765	0.166	ug/L		85
55) Styrene	10.121	104	4513	0.155	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.790	83	1974	0.190	ug/L	#	96
59) Bromoform	10.301	173	617	0.151	ug/L	#	88
60) Isopropylbenzene	10.491	105	7238	0.176	ug/L		96
61) 1,2,3-Trichloropropane	10.832	75	1411	0.194	ug/L	#	89
62) 1,3,5-Trimethylbenzene	11.095	105	5467	0.160	ug/L		97
63) 1,2,4-Trimethylbenzene	11.471	105	5641	0.160	ug/L		98
64) 1,3-Dichlorobenzene	11.751	146	3688	0.192	ug/L		98
65) 1,4-Dichlorobenzene	11.841	146	3677	0.185	ug/L		93
67) 1,2-Dichlorobenzene	12.217	146	3666	0.201	ug/L	#	93
69) 1,3,5-Trichlorobenzene	13.224	180	2597	0.178	ug/L		95
70) 1,2,4-trichlorobenzene	13.848	180	1783	0.145	ug/L		95
71) Naphthalene	14.092	128	3093	0.129	ug/L	#	92
72) 1,2,3-Trichlorobenzene	14.336	180	1678	0.148	ug/L		92

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

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