Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
Data File : VU055128.D
Acq On : 06 Sep 2023 05:27
Operator : MD/SY
Sample : 04268-03MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0GH2MS

Quant Time: Sep 06 06:30:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	187523	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	190651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	110341	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37350	4.250	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.000%			
7) Chloroethane-d5	1.907	69	44127	4.337	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.800%			
11) 1,1-Dichloroethene-d2	2.560	65	22304	4.454	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.000%			
20) 2-Butanone-d5	4.624	46	139527	54.707	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.420%			
24) Chloroform-d	5.058	84	108199	4.639	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	5.698	65	57191	4.902	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.724	84	216025	4.590	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.689	67	68285	4.562	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.898	98	199891	4.611	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.200%			
43) trans-1,3-Dichloroprop...	8.177	79	17352	4.210	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.200%			
46) 2-Hexanone-d5	8.631	63	90242	53.926	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 107.860%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51567	4.899	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.000%			
66) 1,2-Dichlorobenzene-d4	12.193	152	71092	4.414	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	50652	4.648	ug/L	97
3) Chloromethane	1.515	50	52801	4.760	ug/L	99
5) Vinyl chloride	1.599	62	56586	4.835	ug/L	96
6) Bromomethane	1.850	94	26183	3.710	ug/L	95
8) Chloroethane	1.927	64	36267	4.759	ug/L	98
9) Trichlorofluoromethane	2.132	101	80258	4.716	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	45593	4.604	ug/L	99
12) 1,1-Dichloroethene	2.573	96	41619	4.801	ug/L	96
13) Acetone	2.628	43	85618	50.087	ug/L	99
14) Carbon disulfide	2.785	76	99214	4.673	ug/L	97
15) Methyl Acetate	2.952	43	18064	5.163	ug/L #	90
16) Methylene chloride	3.039	84	49647	3.748	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	117641	5.174	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	42381	4.818	ug/L	91
19) 1,1-Dichloroethane	3.866	63	93943	4.942	ug/L	98
21) 2-Butanone	4.705	43	135228	53.843	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	56109	5.211	ug/L	92
23) Bromochloromethane	4.968	128	22645	5.114	ug/L	95
25) Chloroform	5.084	83	103145	5.210	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.795	62	63164	5.227	ug/L		100
29) 1,1,1-Trichloroethane	5.312	97	77468	4.698	ug/L		98
30) Cyclohexane	5.386	56	66489	4.534	ug/L		98
31) Carbon tetrachloride	5.521	117	65256	4.759	ug/L		99
33) Benzene	5.772	78	196025	4.831	ug/L		100
34) Trichloroethene	6.541	95	61703	5.472	ug/L		98
35) Methylcyclohexane	6.759	83	66889	4.228	ug/L		97
37) 1,2-Dichloropropane	6.788	63	56131	5.081	ug/L		99
38) Bromodichloromethane	7.103	83	66173	5.017	ug/L	#	98
39) cis-1,3-Dichloropropene	7.605	75	67666	4.504	ug/L		98
40) 4-Methyl-2-pentanone	7.788	43	337839	53.613	ug/L		99
42) Toluene	7.968	91	209477	4.843	ug/L		96
44) trans-1,3-Dichloropropene	8.209	75	53229	4.513	ug/L		96
45) 1,1,2-Trichloroethane	8.399	97	40904	5.497	ug/L		97
47) Tetrachloroethene	8.550	164	37726	4.840	ug/L		98
48) 2-Hexanone	8.682	43	249719	50.593	ug/L		97
49) Dibromochloromethane	8.807	129	40556	4.993	ug/L		98
50) 1,2-Dibromoethane	8.923	107	37131	5.480	ug/L	#	92
51) Chlorobenzene	9.444	112	139228	4.860	ug/L		99
52) Ethylbenzene	9.569	91	226926	4.689	ug/L		100
53) m,p-Xylene	9.692	106	84218	4.703	ug/L		99
54) o-Xylene	10.097	106	82000	4.653	ug/L		98
55) Styrene	10.113	104	138402	4.756	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.778	83	44074	4.755	ug/L		94
59) Bromoform	10.290	173	21535	4.885	ug/L		97
60) Isopropylbenzene	10.483	105	223234	4.339	ug/L		99
61) 1,2,3-Trichloropropane	10.820	75	37059	5.061	ug/L		98
62) 1,3,5-Trimethylbenzene	11.087	105	181815	4.248	ug/L		98
63) 1,2,4-Trimethylbenzene	11.466	105	170423	4.040	ug/L		99
64) 1,3-Dichlorobenzene	11.743	146	107718	4.361	ug/L		99
65) 1,4-Dichlorobenzene	11.836	146	106852	4.340	ug/L		97
67) 1,2-Dichlorobenzene	12.209	146	102115	4.409	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.997	75	7084	5.022	ug/L		91
69) 1,3,5-Trichlorobenzene	13.219	180	69685	3.733	ug/L		98
70) 1,2,4-trichlorobenzene	13.839	180	57316	3.275	ug/L		97
71) Naphthalene	14.087	128	85334	2.682	ug/L		99
72) 1,2,3-Trichlorobenzene	14.328	180	51916	3.417	ug/L		98

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

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