Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041724\
Data File : VU058751.D
Acq On : 17 Apr 2024 21:37
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005086

Quant Time: Apr 18 05:09:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 18 05:04:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67044	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	32517	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16043	3.614	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.200%			
7) Chloroethane-d5	1.904	69	12860	3.334	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 66.600%			
11) 1,1-Dichloroethene-d2	2.557	65	8262	4.112	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.200%			
20) 2-Butanone-d5	4.618	46	41409	44.268	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.540%			
24) Chloroform-d	5.052	84	40667	4.589	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
26) 1,2-Dichloroethane-d4	5.692	65	20201	4.885	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
32) Benzene-d6	5.718	84	73822	4.146	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.000%			
36) 1,2-Dichloropropane-d6	6.682	67	22973	4.114	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.200%			
41) Toluene-d8	7.891	98	64208	4.066	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.400%			
43) trans-1,3-Dichloroprop...	8.174	79	8415	4.855	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.000%			
46) 2-Hexanone-d5	8.627	63	29878	41.791	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.580%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15729	3.990	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 79.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	22212	4.056	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 81.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	36875	6.599	ug/L	99
3) Chloromethane	1.512	50	31822	4.653	ug/L	99
5) Vinyl chloride	1.599	62	29322	4.293	ug/L	99
6) Bromomethane	1.849	94	15723	4.866	ug/L	100
8) Chloroethane	1.927	64	16233	3.762	ug/L	98
9) Trichlorofluoromethane	2.132	101	44370	4.919	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26596	4.962	ug/L	98
12) 1,1-Dichloroethene	2.570	96	23816	5.012	ug/L	98
13) Acetone	2.624	43	31040	38.878	ug/L	99
14) Carbon disulfide	2.785	76	82467	5.464	ug/L	97
15) Methyl Acetate	2.943	43	9083	4.822	ug/L	98
16) Methylene chloride	3.033	84	30092	4.772	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	53293	4.748	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	25219	5.064	ug/L	99
19) 1,1-Dichloroethane	3.856	63	52822	4.860	ug/L	98
21) 2-Butanone	4.695	43	50160	42.034	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	26239	4.692	ug/L	97
23) Bromochloromethane	4.965	128	10607	4.814	ug/L	98
25) Chloroform	5.074	83	52682	5.008	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	32230	5.031	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	46801	5.278	ug/L	98
30) Cyclohexane	5.380	56	45107	4.817	ug/L	98
31) Carbon tetrachloride	5.512	117	40899	5.446	ug/L	100
33) Benzene	5.766	78	111867	4.666	ug/L	100
34) Trichloroethene	6.534	95	29773	4.927	ug/L	95
35) Methylcyclohexane	6.756	83	45077	4.951	ug/L	100
37) 1,2-Dichloropropane	6.782	63	29110	4.615	ug/L	100
38) Bromodichloromethane	7.097	83	34877	4.844	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	38936	4.854	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	133378	44.923	ug/L	97
42) Toluene	7.962	91	116210	4.621	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	30523	4.825	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	17408	4.725	ug/L	99
47) Tetrachloroethene	8.547	164	20480	4.623	ug/L	98
48) 2-Hexanone	8.679	43	97710	46.357	ug/L	97
49) Dibromochloromethane	8.801	129	19656	4.615	ug/L	100
50) 1,2-Dibromoethane	8.917	107	15756	4.677	ug/L	96
51) Chlorobenzene	9.441	112	68896	4.528	ug/L	98
52) Ethylbenzene	9.563	91	126318	4.741	ug/L	99
53) m,p-Xylene	9.688	106	45873	4.809	ug/L	92
54) o-Xylene	10.094	106	44697	4.779	ug/L	99
55) Styrene	10.106	104	75181	4.996	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	19563	4.305	ug/L	97
59) Bromoform	10.283	173	10599	4.879	ug/L	99
60) Isopropylbenzene	10.476	105	122956	5.165	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	14800	4.461	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	99828	5.142	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	98235	4.956	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	53330	4.612	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	51052	4.531	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	46235	4.396	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	2695	4.790	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	36272	4.242	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	24878	3.773	ug/L	99
71) Naphthalene	14.084	128	28106	3.111	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	20104	3.692	ug/L	98

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

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