Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
Data File : VU057125.D
Acq On : 21 Dec 2023 06:03
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005100

Quant Time: Dec 21 06:19:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 21 01:34:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	192076	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	187017	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	97119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	64776	3.934	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.600%			
7) Chloroethane-d5	1.911	69	57306	4.651	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.000%			
11) 1,1-Dichloroethene-d2	2.560	65	31248	4.436	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.800%			
20) 2-Butanone-d5	4.640	46	113888	35.027	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 70.060%			
24) Chloroform-d	5.055	84	147761	4.739	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.695	65	68138	4.618	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
32) Benzene-d6	5.721	84	254064	4.380	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.600%			
36) 1,2-Dichloropropane-d6	6.682	67	74442	4.100	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.000%			
41) Toluene-d8	7.891	98	236356	4.559	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.200%			
43) trans-1,3-Dichloroprop...	8.174	79	28763	4.085	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.800%			
46) 2-Hexanone-d5	8.631	63	102698	38.673	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.340%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55119	4.196	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	78470	4.110	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	97851	4.862	ug/L	98
3) Chloromethane	1.518	50	80533	4.069	ug/L	99
5) Vinyl chloride	1.602	62	93260	4.745	ug/L	98
6) Bromomethane	1.856	94	30436	2.627	ug/L	94
8) Chloroethane	1.933	64	61632	5.353	ug/L	98
9) Trichlorofluoromethane	2.136	101	165422	5.973	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	84629	4.982	ug/L	97
12) 1,1-Dichloroethene	2.573	96	75430	4.837	ug/L	97
13) Acetone	2.663	43	76163	38.438	ug/L	55
14) Carbon disulfide	2.788	76	232086	4.290	ug/L	100
15) Methyl Acetate	2.956	43	20803	3.857	ug/L	100
16) Methylene chloride	3.039	84	79999	4.709	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	152037	4.397	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	76207	4.820	ug/L	97
19) 1,1-Dichloroethane	3.859	63	149133	4.904	ug/L	97
21) 2-Butanone	4.721	43	122518	36.665	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	80462	4.678	ug/L	98
23) Bromochloromethane	4.965	128	34253	4.757	ug/L	96
25) Chloroform	5.078	83	164433	5.161	ug/L	98

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005100

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	95306	5.058	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	157630	5.831	ug/L		97
30) Cyclohexane	5.383	56	105706	4.166	ug/L		92
31) Carbon tetrachloride	5.518	117	136789	5.822	ug/L		98
33) Benzene	5.766	78	322194	4.902	ug/L		100
34) Trichloroethene	6.534	95	89743	4.978	ug/L		95
35) Methylcyclohexane	6.756	83	117707	4.424	ug/L		97
37) 1,2-Dichloropropane	6.785	63	80263	4.774	ug/L		99
38) Bromodichloromethane	7.100	83	111235	5.188	ug/L		100
39) cis-1,3-Dichloropropene	7.602	75	112721	4.600	ug/L		99
40) 4-Methyl-2-pentanone	7.788	43	336443	42.142	ug/L		99
42) Toluene	7.962	91	345938	5.087	ug/L		100
44) trans-1,3-Dichloropropene	8.206	75	94995	4.730	ug/L		96
45) 1,1,2-Trichloroethane	8.393	97	55558	4.888	ug/L		92
47) Tetrachloroethene	8.547	164	67318	5.335	ug/L		93
48) 2-Hexanone	8.682	43	235347	41.390	ug/L		99
49) Dibromochloromethane	8.804	129	68437	5.238	ug/L		92
50) 1,2-Dibromoethane	8.917	107	51143	4.848	ug/L		99
51) Chlorobenzene	9.441	112	213135	4.917	ug/L		99
52) Ethylbenzene	9.563	91	371594	4.953	ug/L		98
53) m,p-Xylene	9.688	106	141284	5.055	ug/L		99
54) o-Xylene	10.094	106	132691	4.983	ug/L		94
55) Styrene	10.110	104	232441	5.316	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.775	83	63852	4.650	ug/L	#	98
59) Bromoform	10.283	173	39673	5.003	ug/L		98
60) Isopropylbenzene	10.479	105	376404	4.906	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	43157	4.139	ug/L		97
62) 1,3,5-Trimethylbenzene	11.081	105	298192	4.755	ug/L		98
63) 1,2,4-Trimethylbenzene	11.460	105	304385	4.887	ug/L		98
64) 1,3-Dichlorobenzene	11.740	146	170407	4.695	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	169827	4.752	ug/L		97
67) 1,2-Dichlorobenzene	12.206	146	153524	4.643	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.990	75	9037	4.341	ug/L		93
69) 1,3,5-Trichlorobenzene	13.212	180	120648	4.399	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	91039	4.192	ug/L		100
71) Naphthalene	14.080	128	113239	3.563	ug/L		98
72) 1,2,3-Trichlorobenzene	14.322	180	73899	4.008	ug/L		98

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

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