Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
Data File : VU054432.D
Acq On : 07 Jun 2023 23:48
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005174

Quant Time: Jun 08 01:26:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jun 08 01:20:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	325169	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	304448	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	160897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	87106	4.209	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.200%			
7) Chloroethane-d5	1.914	69	84679	4.370	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.400%			
11) 1,1-Dichloroethene-d2	2.563	65	38339	4.148	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.000%			
20) 2-Butanone-d5	4.631	46	282906	48.623	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.240%			
24) Chloroform-d	5.058	84	196473	4.542	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
26) 1,2-Dichloroethane-d4	5.698	65	99542	4.721	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.400%			
32) Benzene-d6	5.724	84	380123	4.492	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
36) 1,2-Dichloropropane-d6	6.685	67	129863	4.595	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.800%			
41) Toluene-d8	7.894	98	343903	4.579	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	8.177	79	43646	4.441	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.800%			
46) 2-Hexanone-d5	8.627	63	191808	46.517	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.040%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	100527	4.770	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	126791	4.672	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	150510	4.954	ug/L	98
3) Chloromethane	1.518	50	169110	4.845	ug/L	100
5) Vinyl chloride	1.602	62	176761	4.934	ug/L	100
6) Bromomethane	1.859	94	92778	4.710	ug/L	96
8) Chloroethane	1.933	64	106203	4.946	ug/L	100
9) Trichlorofluoromethane	2.136	101	219674	4.988	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	127670	4.955	ug/L	99
12) 1,1-Dichloroethene	2.576	96	116369	4.934	ug/L	92
13) Acetone	2.644	43	199205	36.312	ug/L	98
14) Carbon disulfide	2.792	76	340386	4.867	ug/L	99
15) Methyl Acetate	2.952	43	52993	5.213	ug/L	99
16) Methylene chloride	3.042	84	133943	4.039	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	290487	4.990	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	118890	4.882	ug/L	98
19) 1,1-Dichloroethane	3.866	63	252887	5.018	ug/L	100
21) 2-Butanone	4.711	43	339960	47.749	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	139766	5.040	ug/L	97
23) Bromochloromethane	4.972	128	57378	4.973	ug/L	95
25) Chloroform	5.084	83	248831	5.009	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	150254	5.160	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	205881	4.987	ug/L	98
30) Cyclohexane	5.383	56	219490	4.881	ug/L	99
31) Carbon tetrachloride	5.521	117	175911	4.945	ug/L	99
33) Benzene	5.769	78	545380	4.984	ug/L	100
34) Trichloroethene	6.537	95	139880	4.835	ug/L	98
35) Methylcyclohexane	6.759	83	208160	4.760	ug/L	99
37) 1,2-Dichloropropane	6.785	63	148412	5.016	ug/L	100
38) Bromodichloromethane	7.100	83	168238	5.024	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	199441	4.938	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	800170	50.683	ug/L	100
42) Toluene	7.965	91	567998	5.041	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	161194	4.918	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	96605	5.133	ug/L	99
47) Tetrachloroethene	8.550	164	104721	4.728	ug/L	97
48) 2-Hexanone	8.679	43	591600	50.291	ug/L	100
49) Dibromochloromethane	8.804	129	98792	4.999	ug/L	98
50) 1,2-Dibromoethane	8.920	107	89480	5.179	ug/L	94
51) Chlorobenzene	9.441	112	344158	4.900	ug/L	99
52) Ethylbenzene	9.566	91	613339	4.984	ug/L	98
53) m,p-Xylene	9.688	106	227992	5.043	ug/L	96
54) o-Xylene	10.097	106	219705	5.026	ug/L	99
55) Styrene	10.110	104	367747	5.012	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	118031	4.937	ug/L	98
59) Bromoform	10.287	173	58179	5.037	ug/L	97
60) Isopropylbenzene	10.479	105	594367	5.050	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	82784	5.091	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	474440	4.940	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	482584	4.948	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	272827	4.959	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	267552	4.845	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	249155	4.924	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	17331	4.850	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	188539	4.542	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	151902	4.425	ug/L	99
71) Naphthalene	14.081	128	231133	4.141	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	130552	4.427	ug/L	99

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

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