Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
Data File : VU056774.D
Acq On : 12 Dec 2023 08:38
Operator : MD/SY
Sample : 05675-09MSD
Misc : 25.2mL/MSVOA_U/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AB0MSD

Quant Time: Dec 12 11:05:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 12 02:01:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	256901	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247697	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	123842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	106208	4.823	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.400%			
7) Chloroethane-d5	1.907	69	73860	4.482	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.600%			
11) 1,1-Dichloroethene-d2	2.563	65	46320	4.916	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.400%			
20) 2-Butanone-d5	4.618	46	223273	51.342	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.680%			
24) Chloroform-d	5.055	84	214052	5.133	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.600%			
26) 1,2-Dichloroethane-d4	5.695	65	100677	5.102	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
32) Benzene-d6	5.721	84	410511	5.343	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.800%			
36) 1,2-Dichloropropane-d6	6.682	67	126979	5.280	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.600%			
41) Toluene-d8	7.894	98	364445	5.307	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.200%			
43) trans-1,3-Dichloroprop...	8.174	79	48030	5.150	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.000%			
46) 2-Hexanone-d5	8.627	63	198405	56.410	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 112.820%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	95038	5.462	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	122426	5.029	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	133185	4.947	ug/L	99
3) Chloromethane	1.518	50	131580	4.971	ug/L	97
5) Vinyl chloride	1.602	62	130422	4.962	ug/L	98
6) Bromomethane	1.853	94	67621	4.363	ug/L	99
8) Chloroethane	1.930	64	70470	4.576	ug/L	96
9) Trichlorofluoromethane	2.136	101	187314	5.056	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	111009	4.886	ug/L	99
12) 1,1-Dichloroethene	2.576	96	126786	6.079	ug/L	92
13) Acetone	2.628	43	126710	47.811	ug/L	99
14) Carbon disulfide	2.788	76	350964	4.850	ug/L	99
15) Methyl Acetate	2.946	43	31255	4.332	ug/L	100
16) Methylene chloride	3.042	84	109934	4.838	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	259190	5.604	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	106807	5.051	ug/L	99
19) 1,1-Dichloroethane	3.859	63	218408	5.369	ug/L	98
21) 2-Butanone	4.698	43	217424	48.649	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	138119	6.004	ug/L	96
23) Bromochloromethane	4.968	128	49617	5.152	ug/L	96
25) Chloroform	5.081	83	222049	5.211	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	124158	4.927	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	189028	5.279	ug/L	99
30) Cyclohexane	5.383	56	177218	5.274	ug/L	99
31) Carbon tetrachloride	5.518	117	160737	5.165	ug/L	98
33) Benzene	5.766	78	458971	5.272	ug/L	100
34) Trichloroethene	6.534	95	369475	15.473	ug/L	99
35) Methylcyclohexane	6.759	83	179407	5.091	ug/L	99
37) 1,2-Dichloropropane	6.785	63	117095	5.258	ug/L	99
38) Bromodichloromethane	7.100	83	144383	5.084	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	160508	4.946	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	553475	52.344	ug/L	98
42) Toluene	7.965	91	483941	5.373	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	131061	4.927	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	79283	5.266	ug/L	97
47) Tetrachloroethene	8.547	164	496792	29.727	ug/L	98
48) 2-Hexanone	8.679	43	406895	54.030	ug/L	99
49) Dibromochloromethane	8.804	129	88708	5.126	ug/L	100
50) 1,2-Dibromoethane	8.920	107	72220	5.169	ug/L	98
51) Chlorobenzene	9.441	112	298411	5.198	ug/L	98
52) Ethylbenzene	9.566	91	517823	5.212	ug/L	98
53) m,p-Xylene	9.688	106	192634	5.204	ug/L	99
54) o-Xylene	10.094	106	184264	5.225	ug/L	100
55) Styrene	10.110	104	308504	5.327	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	94147	5.176	ug/L	99
59) Bromoform	10.283	173	48994	4.845	ug/L	99
60) Isopropylbenzene	10.479	105	508498	5.197	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	64943	4.884	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	403261	5.043	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	407934	5.136	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	226677	4.897	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	220548	4.839	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	207560	4.923	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	13152	4.954	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	159365	4.557	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	126011	4.550	ug/L	98
71) Naphthalene	14.081	128	182454	4.502	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	105575	4.490	ug/L	99

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

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