Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011625\
Data File : VU062830.D
Acq On : 16 Jan 2025 19:23
Operator : MD/SY
Sample : Q1072-04MS
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ87MS

Quant Time: Jan 16 22:09:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 22:02:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	95897	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	91312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20740	3.905	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.000%			
7) Chloroethane-d5	1.901	69	17301	4.049	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.000%			
11) 1,1-Dichloroethene-d2	2.554	65	10890	3.958	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.200%			
20) 2-Butanone-d5	4.605	46	49770	45.850	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.700%			
24) Chloroform-d	5.049	84	58078	4.445	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.800%			
26) 1,2-Dichloroethane-d4	5.689	65	32848	4.634	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
32) Benzene-d6	5.714	84	96955	4.344	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
36) 1,2-Dichloropropane-d6	6.679	67	27106	4.380	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.600%			
41) Toluene-d8	7.888	98	93376	4.294	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.800%			
43) trans-1,3-Dichloroprop...	8.171	79	13449	4.360	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.200%			
46) 2-Hexanone-d5	8.621	63	42091	43.383	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.760%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	23635	4.560	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.200%			
66) 1,2-Dichlorobenzene-d4	12.184	152	36485	4.572	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	43567	4.769	ug/L	98
3) Chloromethane	1.518	50	24718	4.032	ug/L	98
5) Vinyl chloride	1.599	62	29111	4.217	ug/L	95
6) Bromomethane	1.843	94	11167	2.223	ug/L	90
8) Chloroethane	1.924	64	18944	4.567	ug/L	99
9) Trichlorofluoromethane	2.129	101	69061	4.959	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31939	4.747	ug/L	99
12) 1,1-Dichloroethene	2.570	96	29094	4.887	ug/L	89
13) Acetone	2.612	43	41762	48.566	ug/L	98
14) Carbon disulfide	2.782	76	80470	4.232	ug/L	98
15) Methyl Acetate	2.940	43	8376	4.499	ug/L	98
16) Methylene chloride	3.033	84	30782	4.720	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	81371	4.973	ug/L	100
18) trans-1,2-Dichloroethene	3.341	96	31158	4.885	ug/L	93
19) 1,1-Dichloroethane	3.853	63	56318	4.939	ug/L	98
21) 2-Butanone	4.682	43	58974	51.496	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	36680	5.281	ug/L	95
23) Bromochloromethane	4.962	128	16808	5.126	ug/L	92
25) Chloroform	5.071	83	68151	4.856	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.779	62	46279	5.043	ug/L		99
29) 1,1,1-Trichloroethane	5.303	97	68541	4.949	ug/L		98
30) Cyclohexane	5.374	56	39705	4.390	ug/L		95
31) Carbon tetrachloride	5.512	117	61945	4.866	ug/L		99
33) Benzene	5.759	78	123978	4.726	ug/L		100
34) Trichloroethene	6.531	95	36239	4.044	ug/L		96
35) Methylcyclohexane	6.750	83	47561	4.313	ug/L		99
37) 1,2-Dichloropropane	6.779	63	29201	4.718	ug/L		100
38) Bromodichloromethane	7.094	83	49492	4.973	ug/L		95
39) cis-1,3-Dichloropropene	7.595	75	50461	4.789	ug/L		96
40) 4-Methyl-2-pentanone	7.775	43	142655	49.345	ug/L		98
42) Toluene	7.959	91	141193	4.912	ug/L		98
44) trans-1,3-Dichloropropene	8.200	75	44590	4.909	ug/L		96
45) 1,1,2-Trichloroethane	8.389	97	24678	4.910	ug/L		99
47) Tetrachloroethene	8.544	164	29272	4.742	ug/L		97
48) 2-Hexanone	8.669	43	103736	49.912	ug/L		96
49) Dibromochloromethane	8.798	129	34251	5.075	ug/L		99
50) 1,2-Dibromoethane	8.914	107	25059	5.211	ug/L		99
51) Chlorobenzene	9.434	112	91457	4.865	ug/L		98
52) Ethylbenzene	9.560	91	159768	4.897	ug/L		96
53) m,p-Xylene	9.682	106	58562	4.800	ug/L		98
54) o-Xylene	10.090	106	58066	4.969	ug/L		99
55) Styrene	10.103	104	97910	5.009	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.769	83	28639	5.079	ug/L	#	96
59) Bromoform	10.280	173	21622	5.167	ug/L		99
60) Isopropylbenzene	10.473	105	162827	4.926	ug/L		99
61) 1,2,3-Trichloropropane	10.811	75	20795	4.887	ug/L		95
62) 1,3,5-Trimethylbenzene	11.077	105	135864	4.835	ug/L		99
63) 1,2,4-Trimethylbenzene	11.457	105	134106	4.934	ug/L		99
64) 1,3-Dichlorobenzene	11.737	146	74256	4.845	ug/L		97
65) 1,4-Dichlorobenzene	11.827	146	74489	4.820	ug/L		97
67) 1,2-Dichlorobenzene	12.203	146	71331	4.966	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5401	4.900	ug/L		87
69) 1,3,5-Trichlorobenzene	13.209	180	52783	4.573	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	38833	4.177	ug/L		99
71) Naphthalene	14.081	128	51662	3.798	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	33082	4.082	ug/L		97

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

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