Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011525\
Data File : VU062801.D
Acq On : 16 Jan 2025 06:08
Operator : MD/SY
Sample : Q1071-12MS
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCQ77MS

Quant Time: Jan 16 07:01:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 16 01:55:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	97747	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	91491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17040	3.148	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.000%			
7) Chloroethane-d5	1.901	69	15900	3.651	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.000%			
11) 1,1-Dichloroethene-d2	2.557	65	9824	3.503	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.000%			
20) 2-Butanone-d5	4.608	46	63212	57.131	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.260%			
24) Chloroform-d	5.049	84	61067	4.585	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	5.689	65	34684	4.801	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.000%			
32) Benzene-d6	5.714	84	92251	4.125	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.400%			
36) 1,2-Dichloropropane-d6	6.679	67	27871	4.495	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.800%			
41) Toluene-d8	7.888	98	89898	4.126	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
43) trans-1,3-Dichloroprop...	8.171	79	13130	4.248	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.000%			
46) 2-Hexanone-d5	8.618	63	52785	54.299	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.600%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	27970	5.386	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.800%			
66) 1,2-Dichlorobenzene-d4	12.183	152	38236	4.794	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	42824	4.599	ug/L	98
3) Chloromethane	1.515	50	27457	4.394	ug/L	99
5) Vinyl chloride	1.599	62	77502	11.014	ug/L	99
6) Bromomethane	1.843	94	15062	2.942	ug/L	89
8) Chloroethane	1.923	64	174632	41.307	ug/L	95
9) Trichlorofluoromethane	2.129	101	67380	4.747	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	34751	5.067	ug/L	92
12) 1,1-Dichloroethene	2.570	96	1198615	197.534	ug/L #	73
13) Acetone	2.611	43	45170	51.535	ug/L	100
14) Carbon disulfide	2.782	76	83282	4.297	ug/L	97
15) Methyl Acetate	2.939	43	6127	3.228	ug/L	100
16) Methylene chloride	3.033	84	31583	4.752	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	84506	5.067	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	110987	17.073	ug/L	98
19) 1,1-Dichloroethane	3.853	63	702470	60.436	ug/L	95
21) 2-Butanone	4.685	43	60282	51.641	ug/L #	1
22) cis-1,2-Dichloroethene	4.650	96	3126629	441.646	ug/L	97
23) Bromochloromethane	4.959	128	16858	5.044	ug/L	94
25) Chloroform	5.071	83	68345	4.778	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.779	62	153774	16.440	ug/L		100
29) 1,1,1-Trichloroethane	5.303	97	66824	4.815	ug/L		100
30) Cyclohexane	5.377	56	42616	4.702	ug/L		96
31) Carbon tetrachloride	5.512	117	62229	4.879	ug/L		99
33) Benzene	5.759	78	137490	5.230	ug/L		100
34) Trichloroethene	6.531	95	86819	9.669	ug/L		97
35) Methylcyclohexane	6.750	83	47845	4.330	ug/L		96
37) 1,2-Dichloropropane	6.779	63	30288	4.884	ug/L		99
38) Bromodichloromethane	7.094	83	49934	5.007	ug/L		100
39) cis-1,3-Dichloropropene	7.595	75	47136	4.465	ug/L		98
40) 4-Methyl-2-pentanone	7.775	43	150046	51.800	ug/L		99
42) Toluene	7.959	91	138502	4.808	ug/L		100
44) trans-1,3-Dichloropropene	8.200	75	42479	4.667	ug/L		99
45) 1,1,2-Trichloroethane	8.389	97	25344	5.032	ug/L		95
47) Tetrachloroethene	8.544	164	28274	4.572	ug/L		97
48) 2-Hexanone	8.669	43	103344	49.626	ug/L		98
49) Dibromochloromethane	8.798	129	33858	5.007	ug/L		93
50) 1,2-Dibromoethane	8.913	107	25731	5.340	ug/L		97
51) Chlorobenzene	9.434	112	92217	4.896	ug/L		99
52) Ethylbenzene	9.560	91	157867	4.830	ug/L		97
53) m,p-Xylene	9.682	106	57837	4.731	ug/L		100
54) o-Xylene	10.090	106	56601	4.834	ug/L		97
55) Styrene	10.103	104	95979	4.900	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.772	83	30177	5.342	ug/L	#	96
59) Bromoform	10.280	173	21496	5.141	ug/L		98
60) Isopropylbenzene	10.473	105	159479	4.828	ug/L		100
61) 1,2,3-Trichloropropane	10.810	75	22125	5.204	ug/L		97
62) 1,3,5-Trimethylbenzene	11.077	105	133694	4.762	ug/L		99
63) 1,2,4-Trimethylbenzene	11.457	105	130348	4.799	ug/L		99
64) 1,3-Dichlorobenzene	11.736	146	73384	4.792	ug/L		96
65) 1,4-Dichlorobenzene	11.827	146	71751	4.646	ug/L		97
67) 1,2-Dichlorobenzene	12.203	146	71215	4.962	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.987	75	5335	4.844	ug/L		90
69) 1,3,5-Trichlorobenzene	13.209	180	48897	4.239	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	36125	3.889	ug/L		99
71) Naphthalene	14.080	128	46977	3.456	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	30085	3.715	ug/L		97

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

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