Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013025\
Data File : VU063097.D
Acq On : 30 Jan 2025 13:54
Operator : MD/SY
Sample : VSTD01022
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 31 07:30:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM013025WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 07:29:09 2025
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025
Supervised By :Mahesh Dadoda 01/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.235	114	152262	50.000	ug/L		0.00
28) Chlorobenzene-d5	9.409	117	134986	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70083	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.592	65	10199	10.266	ug/L		0.00
7) Chloroethane-d5	1.866	69	4400m	5.530	ug/L		-0.03
11) 1,1-Dichloroethene-d2	2.538	63	16713	8.390	ug/L		-0.02
21) 2-Butanone-d5	4.634	46	12473	26.446	ug/L		0.03
24) Chloroform-d	5.049	84	18739	8.317	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.689	65	10851	7.391	ug/L		0.00
32) Benzene-d6	5.711	84	38006	9.982	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.679	67	12013	10.623	ug/L		0.00
41) Toluene-d8	7.888	98	35635	9.965	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.174	79	5431	8.754	ug/L		0.00
47) 2-Hexanone-d5	8.637	63	10161	26.892	ug/L		0.02
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19144	11.446	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	12753	9.233	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.377	85	10895m	7.733	ug/L		
3) Chloromethane	1.518	50	12719	12.281	ug/L		99
5) Vinyl chloride	1.599	62	13973	12.636	ug/L		97
6) Bromomethane	1.817	94	3186	4.148	ug/L		89
8) Chloroethane	1.882	64	4227m	6.333	ug/L		
9) Trichlorofluoromethane	2.087	101	13907	6.801	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	2.547	101	9941	9.518	ug/L		96
12) 1,1-Dichloroethene	2.547	96	9450	10.051	ug/L		95
13) Acetone	2.628	43	8487	20.529	ug/L		94
14) Carbon disulfide	2.759	76	31174	11.055	ug/L		98
15) Methyl Acetate	2.943	43	10505	13.001	ug/L		95
16) Methylene chloride	3.023	84	12108	11.542	ug/L		95
17) trans-1,2-Dichloroethene	3.329	96	10674	10.914	ug/L		96
18) Methyl tert-butyl Ether	3.354	73	32258	9.607	ug/L	#	87
19) 1,1-Dichloroethane	3.846	63	18989	10.657	ug/L		95
20) cis-1,2-Dichloroethene	4.650	96	12451	11.368	ug/L		92
22) 2-Butanone	4.714	43	14702m	26.278	ug/L		
23) Bromochloromethane	4.959	128	6406	10.445	ug/L		99
25) Chloroform	5.071	83	19841	9.453	ug/L		97
27) 1,2-Dichloroethane	5.782	62	14623	8.391	ug/L		98
29) Cyclohexane	5.367	56	17693	12.725	ug/L		99
30) 1,1,1-Trichloroethane	5.296	97	17290	9.159	ug/L		98
31) Carbon tetrachloride	5.505	117	14088	8.114	ug/L		100
33) Benzene	5.759	78	44429	11.216	ug/L		100
34) Trichloroethene	6.531	95	11483	9.573	ug/L		98
35) Methylcyclohexane	6.746	83	17158	10.768	ug/L		99
37) 1,2-Dichloropropane	6.775	63	11444	11.762	ug/L	#	95
38) Bromodichloromethane	7.097	83	13781	8.958	ug/L		95
39) cis-1,3-Dichloropropene	7.598	75	16984	9.987	ug/L		98
40) 4-Methyl-2-pentanone	7.788	43	28880	26.765	ug/L		98
42) Toluene	7.959	91	47767	11.316	ug/L		98
44) trans-1,3-Dichloropropene	8.203	75	16021	9.580	ug/L		99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	11629	11.238 ug/L	98
46) Tetrachloroethene	8.544	164	8193	9.446 ug/L	98
48) 2-Hexanone	8.685	43	22812	27.841 ug/L	95
49) Dibromochloromethane	8.801	129	11787	9.719 ug/L	96
50) 1,2-Dibromoethane	8.914	107	12684	10.909 ug/L	97
51) Chlorobenzene	9.438	112	28978	10.597 ug/L	98
52) Ethylbenzene	9.563	91	48291	10.112 ug/L	99
53) m,p-Xylene	9.685	106	18029	10.157 ug/L	97
54) o-Xylene	10.094	106	19469	11.267 ug/L	97
55) Styrene	10.110	104	32773	11.130 ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	22230	13.546 ug/L	98
59) Bromoform	10.286	173	9714	10.120 ug/L #	98
60) 1,2,3-Trichloropropane	10.817	75	16219	12.138 ug/L	98
61) Isopropylbenzene	10.476	105	46951	10.045 ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	39189	9.776 ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	38587	9.820 ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	23505	10.619 ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	24814	11.131 ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	23461	10.863 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3819	9.650 ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	15185	10.221 ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	12081	10.499 ug/L	96
71) Naphthalene	14.081	128	36314	11.704 ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	11766	10.782 ug/L	98

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

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