Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061125\
Data File : VU063379.D
Acq On : 11 Jun 2025 11:48
Operator : MD/SY
Sample : VSTD01034
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD010034

Quant Time: Jun 11 13:21:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061125WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 11 13:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.242	114	145709	50.000	ug/L		0.00
28) Chlorobenzene-d5	9.409	117	153360	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75080	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.592	65	10615	8.723	ug/L		0.00
7) Chloroethane-d5	1.904	69	10714	10.711	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.560	63	20612	9.666	ug/L		0.00
21) 2-Butanone-d5	4.631	46	14035	15.972	ug/L		0.02
24) Chloroform-d	5.052	84	22822	10.031	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.698	65	13844	9.759	ug/L		0.00
32) Benzene-d6	5.721	84	42048	8.739	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.682	67	14695	9.388	ug/L		0.00
41) Toluene-d8	7.891	98	36089	8.437	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.174	79	5344	7.710	ug/L		0.00
47) 2-Hexanone-d5	8.634	63	8754	14.744	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22014	9.365	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	13073	8.611	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.380	85	14615	11.976	ug/L		97
3) Chloromethane	1.518	50	16518	12.066	ug/L		100
5) Vinyl chloride	1.599	62	17818	12.774	ug/L		100
6) Bromomethane	1.849	94	9634	12.296	ug/L		98
8) Chloroethane	1.927	64	11634	13.656	ug/L		98
9) Trichlorofluoromethane	2.129	101	21431	13.302	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	12884	13.080	ug/L		95
12) 1,1-Dichloroethene	2.570	96	11082	11.746	ug/L		93
13) Acetone	2.621	43	13757	23.054	ug/L		99
14) Carbon disulfide	2.782	76	37440	12.454	ug/L		99
15) Methyl Acetate	2.946	43	15274	11.682	ug/L	#	100
16) Methylene chloride	3.033	84	15002	12.957	ug/L		95
17) trans-1,2-Dichloroethene	3.345	96	11494	11.510	ug/L		99
18) Methyl tert-butyl Ether	3.354	73	32916	10.314	ug/L		98
19) 1,1-Dichloroethane	3.859	63	24871	12.157	ug/L		99
20) cis-1,2-Dichloroethene	4.660	96	13292	11.597	ug/L		99
22) 2-Butanone	4.711	43	16431	18.970	ug/L	#	65
23) Bromochloromethane	4.968	128	7454	12.687	ug/L		94
25) Chloroform	5.078	83	25254	12.264	ug/L		98
27) 1,2-Dichloroethane	5.788	62	19380	11.984	ug/L		96
29) Cyclohexane	5.373	56	18099	10.157	ug/L		97
30) 1,1,1-Trichloroethane	5.303	97	19604	10.954	ug/L		100
31) Carbon tetrachloride	5.515	117	16060	10.775	ug/L		99
33) Benzene	5.766	78	51182	10.585	ug/L		100
34) Trichloroethene	6.534	95	13612	11.046	ug/L		92
35) Methylcyclohexane	6.750	83	18163	10.324	ug/L		99
37) 1,2-Dichloropropane	6.782	63	16003	11.807	ug/L		100
38) Bromodichloromethane	7.097	83	18977	11.387	ug/L		94
39) cis-1,3-Dichloropropene	7.602	75	20354	10.252	ug/L		96
40) 4-Methyl-2-pentanone	7.785	43	35254	20.001	ug/L		94
42) Toluene	7.962	91	51184	10.232	ug/L		99
44) trans-1,3-Dichloropropene	8.206	75	18450	10.057	ug/L		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	14688	11.414	ug/L		96
46) Tetrachloroethene	8.547	164	10201	11.729	ug/L		97
48) 2-Hexanone	8.682	43	26178	19.480	ug/L		89
49) Dibromochloromethane	8.801	129	13150	10.534	ug/L		99
50) 1,2-Dibromoethane	8.917	107	14715	10.951	ug/L		98
51) Chlorobenzene	9.438	112	35633	11.313	ug/L		98
52) Ethylbenzene	9.563	91	52236	9.977	ug/L		92
53) m,p-Xylene	9.688	106	18467	9.549	ug/L		82
54) o-Xylene	10.094	106	18091	9.597	ug/L		94
55) Styrene	10.110	104	28593	9.187	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.772	83	25471	11.385	ug/L		95
59) Bromoform	10.283	173	10223	10.323	ug/L	#	96
60) 1,2,3-Trichloropropane	10.814	75	19150	10.990	ug/L		98
61) Isopropylbenzene	10.476	105	46692	9.482	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	33038	8.503	ug/L		100
63) 1,2,4-Trimethylbenzene	11.460	105	29691	7.968	ug/L		100
64) 1,3-Dichlorobenzene	11.740	146	24491	10.538	ug/L		97
65) 1,4-Dichlorobenzene	11.830	146	25288	10.711	ug/L		98
67) 1,2-Dichlorobenzene	12.206	146	24649	10.520	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.987	75	4999	10.997	ug/L		84
69) 1,3,5-Trichlorobenzene	13.216	180	16591	10.609	ug/L		97
70) 1,2,4-trichlorobenzene	13.836	180	11373	9.406	ug/L		97
71) Naphthalene	14.087	128	24387	7.330	ug/L		99
72) 1,2,3-Trichlorobenzene	14.325	180	11516	9.746	ug/L		95

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

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