VOA LAB Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV031725\
Data File : VV038714.D
Acq On : 17 Mar 2025 13:17
Operator : SY/MD
Sample : VSTD05015
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 17 13:52:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM031724WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 17 13:51:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.529	114	382319	50.00	ug/L		0.00
28) Chlorobenzene-d5	8.776	117	408382	50.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	229275	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.278	65	192433	60.24	ug/L		0.00
7) Chloroethane-d5	1.529	69	160934	59.79	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.053	65	82162	60.67	ug/L		0.00
21) 2-Butanone-d5	3.783	46	147949	97.32	ug/L		0.00
24) Chloroform-d	4.240	84	354912	61.06	ug/L		0.00
26) 1,2-Dichloroethane-d4	4.934	65	211611	61.67	ug/L		0.00
32) Benzene-d6	4.950	84	684826	58.20	ug/L		0.00
36) 1,2-Dichloropropane-d6	5.982	67	217798	59.53	ug/L		0.00
41) Toluene-d8	7.236	98	627945	59.01	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.545	79	91943	51.96	ug/L		0.00
47) 2-Hexanone-d5	8.018	63	93586	83.76	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	267399	52.26	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	221315	49.93	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.105	85	155749	44.36	ug/L		99
3) Chloromethane	1.217	50	206210	56.61	ug/L		100
5) Vinyl chloride	1.281	62	212960	57.32	ug/L		91
6) Bromomethane	1.484	94	112817	49.01	ug/L		99
8) Chloroethane	1.545	64	136695	58.15	ug/L		99
9) Trichlorofluoromethane	1.709	101	271212	55.35	ug/L		100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	158471	56.17	ug/L		96
12) 1,1-Dichloroethene	2.066	96	153885	57.27	ug/L		89
13) Acetone	2.108	43	128347	61.21	ug/L		96
14) Carbon disulfide	2.236	76	477214	53.97	ug/L		99
15) Methyl Acetate	2.368	43	153176	56.44	ug/L		94
16) Methylene chloride	2.442	84	190517	58.76	ug/L		91
17) trans-1,2-Dichloroethene	2.690	96	164908	56.28	ug/L		96
18) Methyl tert-butyl Ether	2.699	73	467017	55.19	ug/L		98
19) 1,1-Dichloroethane	3.105	63	337301	62.77	ug/L		99
20) cis-1,2-Dichloroethene	3.809	96	176935	57.42	ug/L		94
22) 2-Butanone	3.863	43	153692	77.13	ug/L		100
23) Bromochloromethane	4.140	128	95115	56.79	ug/L		84
25) Chloroform	4.268	83	342725	61.10	ug/L		100
27) 1,2-Dichloroethane	5.034	62	263852	64.49	ug/L		99
29) Cyclohexane	4.574	56	286058	65.20	ug/L		94
30) 1,1,1-Trichloroethane	4.503	97	281226	54.49	ug/L		95
31) Carbon tetrachloride	4.725	117	245548	54.14	ug/L		98
33) Benzene	5.002	78	732613	59.43	ug/L		100
34) Trichloroethene	5.825	95	180149	54.70	ug/L		98
35) Methylcyclohexane	6.043	83	272089	57.54	ug/L		95
37) 1,2-Dichloropropane	6.085	63	206038	64.29	ug/L	#	97
38) Bromodichloromethane	6.426	83	258413	58.09	ug/L		100
39) cis-1,3-Dichloropropene	6.947	75	272648	54.82	ug/L		98
40) 4-Methyl-2-pentanone	7.149	43	370911	103.40	ug/L		95
42) Toluene	7.307	91	782165	61.08	ug/L		98
44) trans-1,3-Dichloropropene	7.574	75	277393	57.73	ug/L		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	183957	55.32	ug/L	98
46) Tetrachloroethene	7.895	164	126793	49.87	ug/L	98
48) 2-Hexanone	8.069	43	254539	85.05	ug/L	94
49) Dibromochloromethane	8.169	129	182618	53.24	ug/L	98
50) 1,2-Dibromoethane	8.275	107	180612	51.54	ug/L	96
51) Chlorobenzene	8.805	112	488039	55.46	ug/L	98
52) Ethylbenzene	8.937	91	838603	61.05	ug/L	99
53) m,p-Xylene	9.066	106	316019	60.70	ug/L	99
54) o-Xylene	9.471	106	300601	60.02	ug/L	98
55) Styrene	9.487	104	557131	63.36	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	277745	53.77	ug/L	98
59) Bromoform	9.657	173	112207	45.52	ug/L	99
60) Isopropylbenzene	9.857	105	816811	58.26	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	202860	50.82	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	634285	56.38	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	653911	59.13	ug/L	98
64) 1,3-Dichlorobenzene	11.107	146	380139	52.82	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	398819	52.13	ug/L	100
67) 1,2-Dichlorobenzene	11.567	146	387807	52.86	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	47098	44.77	ug/L	91
69) 1,3,5-Trichlorobenzene	12.574	180	234761	47.83	ug/L	99
70) 1,2,4-trichlorobenzene	13.188	180	195782	47.34	ug/L	97
71) Naphthalene	13.429	128	518865	46.28	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	203246	50.10	ug/L	100

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

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