Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
Data File : VV038385.D
Acq On : 02 Dec 2024 10:31
Operator : SY/MD
Sample : VSTD00507
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 20:57:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 02 20:56:56 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005207

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/03/2024
Supervised By :Semsettin Yesilyurt 12/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.526	114	513935	50.000	ug/L		0.00
28) Chlorobenzene-d5	8.776	117	519122	50.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	257881	50.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.278	65	21956	5.113	ug/L		0.00
7) Chloroethane-d5	1.529	69	18251	5.044	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.056	65	9398	5.162	ug/L		0.00
21) 2-Butanone-d5	3.857	46	16141m	8.143	ug/L		0.08
24) Chloroform-d	4.249	84	38950m	5.001	ug/L		0.02
26) 1,2-Dichloroethane-d4	4.950	65	21893	4.746	ug/L		0.02
32) Benzene-d6	4.960	84	69293	4.633	ug/L		0.01
36) 1,2-Dichloropropane-d6	5.989	67	22108m	4.564	ug/L		0.01
41) Toluene-d8	7.243	98	59012	4.362	ug/L		0.01
43) trans-1,3-Dichloroprop...	7.567	79	9876m	4.461	ug/L		0.03
47) 2-Hexanone-d5	8.043	63	10548m	7.748	ug/L		0.03
56) 1,1,2,2-Tetrachloroeth...	10.146	84	32348	4.973	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	23525	4.718	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.105	85	25774	5.461	ug/L		98
3) Chloromethane	1.214	50	27195	5.554	ug/L		98
5) Vinyl chloride	1.281	62	27176	5.441	ug/L		94
6) Bromomethane	1.484	94	16194	5.233	ug/L		99
8) Chloroethane	1.548	64	16546	5.236	ug/L		94
9) Trichlorofluoromethane	1.712	101	36629	5.561	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	20257	5.341	ug/L		97
12) 1,1-Dichloroethene	2.066	96	19204	5.317	ug/L		93
13) Acetone	2.114	43	33167	11.767	ug/L		97
14) Carbon disulfide	2.236	76	63115	5.309	ug/L		100
15) Methyl Acetate	2.381	43	17940	4.918	ug/L		96
16) Methylene chloride	2.442	84	23336	5.354	ug/L		100
17) trans-1,2-Dichloroethene	2.693	96	20613	5.234	ug/L		92
18) Methyl tert-butyl Ether	2.699	73	51348	4.514	ug/L		97
19) 1,1-Dichloroethane	3.111	63	37229	5.154	ug/L		97
20) cis-1,2-Dichloroethene	3.821	96	19841	4.790	ug/L		97
22) 2-Butanone	3.931	43	24623m	9.834	ug/L		
23) Bromochloromethane	4.153	128	11336	5.035	ug/L		94
25) Chloroform	4.272	83	38870	5.155	ug/L		96
27) 1,2-Dichloroethane	5.050	62	26603	4.837	ug/L		96
29) Cyclohexane	4.574	56	24585	4.408	ug/L		99
30) 1,1,1-Trichloroethane	4.506	97	34294	5.228	ug/L	#	75
31) Carbon tetrachloride	4.731	117	30571	5.303	ug/L		97
33) Benzene	5.011	78	75108	4.793	ug/L		100
34) Trichloroethene	5.834	95	20987	5.013	ug/L		96
35) Methylcyclohexane	6.040	83	26238	4.365	ug/L		94
37) 1,2-Dichloropropane	6.091	63	19427	4.768	ug/L	#	95
38) Bromodichloromethane	6.432	83	28553	5.050	ug/L	#	96
39) cis-1,3-Dichloropropene	6.960	75	26024	4.116	ug/L		91
40) 4-Methyl-2-pentanone	7.162	43	40408m	9.327	ug/L		
42) Toluene	7.313	91	74545	4.579	ug/L		100
44) trans-1,3-Dichloropropene	7.590	75	26198m	4.367	ug/L		

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45) 1,1,2-Trichloroethane	7.767	97	21040	4.977	ug/L		97
46) Tetrachloroethene	7.905	164	16462	5.094	ug/L		99
48) 2-Hexanone	8.088	43	34930m	9.789	ug/L		
49) Dibromochloromethane	8.172	129	20944	4.804	ug/L		99
50) 1,2-Dibromoethane	8.281	107	21651	4.860	ug/L		98
51) Chlorobenzene	8.808	112	57956	5.182	ug/L		98
52) Ethylbenzene	8.943	91	75531	4.326	ug/L		99
53) m,p-Xylene	9.069	106	27094	4.094	ug/L		99
54) o-Xylene	9.474	106	26489	4.161	ug/L		91
55) Styrene	9.496	104	42230	3.778	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.172	83	33635	5.122	ug/L		96
59) Bromoform	9.660	173	13352	4.816	ug/L	#	96
60) Isopropylbenzene	9.860	105	71164	4.513	ug/L		99
61) 1,2,3-Trichloropropane	10.204	75	23484	5.231	ug/L		96
62) 1,3,5-Trimethylbenzene	10.471	105	54931	4.341	ug/L		97
63) 1,2,4-Trimethylbenzene	10.847	105	49873	4.009	ug/L		98
64) 1,3-Dichlorobenzene	11.114	146	40583	5.014	ug/L		99
65) 1,4-Dichlorobenzene	11.204	146	45962	5.341	ug/L		99
67) 1,2-Dichlorobenzene	11.574	146	43298	5.247	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.361	75	5796	4.898	ug/L		92
69) 1,3,5-Trichlorobenzene	12.577	180	27015	4.893	ug/L		97
70) 1,2,4-trichlorobenzene	13.194	180	20857	4.484	ug/L		98
71) Naphthalene	13.438	128	61239m	4.979	ug/L		
72) 1,2,3-Trichlorobenzene	13.676	180	21569	4.727	ug/L		98

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

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