Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021723\
Data File : VV030067.D
Acq On : 17 Feb 2023 15:25
Operator : SY/MD
Sample : VSTD01013
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 20 00:32:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 20 00:27:47 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD010213

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	461312	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	434187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	254145	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	31916	9.731	ug/L	0.00
7) Chloroethane-d5	1.536	69	26390	10.515	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	59679	9.512	ug/L	0.00
21) 2-Butanone-d5	3.806	46	39714	19.643	ug/L	0.00
24) Chloroform-d	4.262	84	59280	9.724	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	35423	9.830	ug/L	0.00
32) Benzene-d6	4.973	84	114998	9.973	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	36883	10.059	ug/L	0.00
41) Toluene-d8	7.252	98	106045	9.744	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	17537	9.624	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	32997	19.303	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	55603	10.109	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	45522	10.057	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	46844	9.593	ug/L	99
3) Chloromethane	1.217	50	64625	10.314	ug/L	99
5) Vinyl chloride	1.285	62	43592	9.991	ug/L	100
6) Bromomethane	1.491	94	9198	11.597	ug/L	98
8) Chloroethane	1.552	64	25238	9.913	ug/L	99
9) Trichlorofluoromethane	1.719	101	57030	9.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	33715	9.524	ug/L	97
12) 1,1-Dichloroethene	2.076	96	30784	9.667	ug/L	95
13) Acetone	2.124	43	30809	19.611	ug/L	99
14) Carbon disulfide	2.246	76	94026	9.985	ug/L	99
15) Methyl Acetate	2.381	43	32958	10.089	ug/L	99
16) Methylene chloride	2.455	84	35298	10.125	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	32492	9.981	ug/L	99
18) Methyl tert-butyl Ether	2.712	73	101219	9.771	ug/L	99
19) 1,1-Dichloroethane	3.121	63	58629	9.772	ug/L	97
20) cis-1,2-Dichloroethene	3.828	96	34965	9.712	ug/L	98
22) 2-Butanone	3.886	43	43801m	20.404	ug/L	
23) Bromochloromethane	4.163	128	19180	9.993	ug/L	97
25) Chloroform	4.288	83	60199	9.842	ug/L	99
27) 1,2-Dichloroethane	5.056	62	45072	9.866	ug/L	97
29) Cyclohexane	4.597	56	49768	9.837	ug/L	99
30) 1,1,1-Trichloroethane	4.526	97	54763	10.153	ug/L	100
31) Carbon tetrachloride	4.748	117	46918	9.909	ug/L	99
33) Benzene	5.021	78	129234	10.088	ug/L	100
34) Trichloroethene	5.844	95	35143	10.079	ug/L	98
35) Methylcyclohexane	6.063	83	52698	9.521	ug/L	99
37) 1,2-Dichloropropane	6.105	63	32802	9.723	ug/L	99
38) Bromodichloromethane	6.442	83	44452	9.810	ug/L	98
39) cis-1,3-Dichloropropene	6.966	75	55061	9.709	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	85216	20.318	ug/L	98
42) Toluene	7.323	91	139833	9.976	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	48991	9.499	ug/L	99

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45) 1,1,2-Trichloroethane	7.780	97	34898	9.967	ug/L	99
46) Tetrachloroethene	7.915	164	28232	9.632	ug/L	99
48) 2-Hexanone	8.085	43	64709	20.331	ug/L	98
49) Dibromochloromethane	8.185	129	34811	9.585	ug/L	96
50) 1,2-Dibromoethane	8.291	107	38997	10.152	ug/L	99
51) Chlorobenzene	8.825	112	93578	10.017	ug/L	99
52) Ethylbenzene	8.957	91	153039	9.860	ug/L	97
53) m,p-Xylene	9.082	106	57460	9.690	ug/L	100
54) o-Xylene	9.487	106	55514	9.714	ug/L	98
55) Styrene	9.506	104	92585	9.484	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	58806	10.274	ug/L	98
59) Bromoform	9.674	173	23645	9.395	ug/L	99
60) Isopropylbenzene	9.876	105	151558	10.028	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	44690	10.628	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	122987	9.826	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	120725	9.813	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	77847	10.221	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	79786	10.238	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	77477	10.217	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	12644	10.307	ug/L	98
69) 1,3,5-Trichlorobenzene	12.593	180	61829	10.173	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	58884	10.308	ug/L	99
71) Naphthalene	13.448	128	173283	10.458	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	59399	10.595	ug/L	100

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

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