Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090924\
Data File : VV037237.D
Acq On : 09 Sep 2024 15:33
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 09 22:04:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 09 22:02:35 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD050389

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	608327	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	599475	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	314035	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	251859	45.260	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.520%			
7) Chloroethane-d5	1.532	69	202232	47.022	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.040%			
11) 1,1-Dichloroethene-d2	2.060	65	109194	46.687	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.380%			
21) 2-Butanone-d5	3.793	46	205085m	95.170	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.170%			
24) Chloroform-d	4.246	84	451095	51.795	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.580%			
26) 1,2-Dichloroethane-d4	4.937	65	270911	49.394	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.780%			
32) Benzene-d6	4.953	84	878173	48.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.000%			
36) 1,2-Dichloropropane-d6	5.986	67	277484	48.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.860%			
41) Toluene-d8	7.236	98	796285	48.729	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.460%			
43) trans-1,3-Dichloroprop...	7.548	79	127477	48.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.180%			
47) 2-Hexanone-d5	8.024	63	143151	92.488	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.490%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	328211	47.718	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.440%			
66) 1,2-Dichlorobenzene-d4	11.554	152	297508	47.302	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	267110	51.961	ug/L	99
3) Chloromethane	1.217	50	273266	47.268	ug/L	96
5) Vinyl chloride	1.285	62	287052	52.891	ug/L	100
6) Bromomethane	1.487	94	167565	55.100	ug/L	99
8) Chloroethane	1.548	64	179577	54.095	ug/L	98
9) Trichlorofluoromethane	1.716	101	386368	54.552	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	232593	55.214	ug/L	100
12) 1,1-Dichloroethene	2.069	96	213260	53.734	ug/L	96
13) Acetone	2.111	43	179890	77.836	ug/L	98
14) Carbon disulfide	2.240	76	601329	49.909	ug/L	99
15) Methyl Acetate	2.372	43	200550	51.760	ug/L	100
16) Methylene chloride	2.446	84	242675	54.195	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	221887	53.855	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	702183	54.178	ug/L	100
19) 1,1-Dichloroethane	3.108	63	458192	55.999	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	253622	55.708	ug/L	99
22) 2-Butanone	3.873	43	224860	88.368	ug/L	98
23) Bromochloromethane	4.140	128	125620	56.209	ug/L	97
25) Chloroform	4.272	83	458251	55.301	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	334211	54.983	ug/L	99
29) Cyclohexane	4.574	56	364986	51.782	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	378998	54.945	ug/L	99
31) Carbon tetrachloride	4.728	117	324898	55.821	ug/L	100
33) Benzene	5.005	78	956647	55.296	ug/L	100
34) Trichloroethene	5.828	95	244656	53.578	ug/L	99
35) Methylcyclohexane	6.043	83	391630	52.787	ug/L	98
37) 1,2-Dichloropropane	6.088	63	247729	53.412	ug/L	99
38) Bromodichloromethane	6.429	83	331949	55.841	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	399432	54.573	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	474011	100.527	ug/L	99
42) Toluene	7.310	91	1009331	56.034	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	362056	55.341	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	238864	55.324	ug/L	99
46) Tetrachloroethene	7.899	164	177155	54.071	ug/L	97
48) 2-Hexanone	8.072	43	336764	92.347	ug/L	98
49) Dibromochloromethane	8.172	129	241470	55.854	ug/L	100
50) 1,2-Dibromoethane	8.278	107	237339	54.324	ug/L	99
51) Chlorobenzene	8.809	112	653073	54.764	ug/L	99
52) Ethylbenzene	8.940	91	1126556	55.369	ug/L	100
53) m,p-Xylene	9.066	106	420128	55.731	ug/L	100
54) o-Xylene	9.471	106	408195	55.303	ug/L	98
55) Styrene	9.490	104	720130	56.228	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	334742	52.349	ug/L	99
59) Bromoform	9.657	173	155096	53.038	ug/L	100
60) Isopropylbenzene	9.860	105	1117828	54.907	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	249485	51.070	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	897850	53.904	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	902389	54.287	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	499467	53.130	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	518928	53.933	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	498229	53.900	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	58921	48.364	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	343088	52.450	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	316405	51.369	ug/L	99
71) Naphthalene	13.432	128	879449	49.446	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	312736	51.522	ug/L	98

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

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