Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120722\
Data File : VV029427.D
Acq On : 07 Dec 2022 19:08
Operator : SY/MD
Sample : MDL03
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 08 01:36:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 00:46:44 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	502376	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	457980	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	236000	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130733	42.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 85.000%			
7) Chloroethane-d5	1.561	69	105830	45.115	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.220%			
11) 1,1-Dichloroethene-d2	2.105	63	168356	35.087	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.180%			
21) 2-Butanone-d5	3.867	46	211733	112.825	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.830%			
24) Chloroform-d	4.339	84	268618	46.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.800%			
26) 1,2-Dichloroethane-d4	5.024	65	163478	49.444	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.880%			
32) Benzene-d6	5.043	84	578511	47.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.620%			
36) 1,2-Dichloropropane-d6	6.063	67	182607	49.401	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.800%			
41) Toluene-d8	7.307	98	537394	47.131	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.260%			
43) trans-1,3-Dichloroprop...	7.612	79	87455	46.854	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.700%			
47) 2-Hexanone-d5	8.082	63	176593	111.877	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.880%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	264483	50.071	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.140%			
66) 1,2-Dichlorobenzene-d4	11.612	152	219010	48.750	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	7980	2.017	ug/L	96
3) Chloromethane	1.240	50	10254	2.273	ug/L	99
5) Vinyl chloride	1.307	62	8473	2.245	ug/L #	69
6) Bromomethane	1.516	94	4171	2.746	ug/L	91
8) Chloroethane	1.581	64	4943	2.352	ug/L	91
9) Trichlorofluoromethane	1.751	101	10029	2.122	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7034	2.679	ug/L	88
12) 1,1-Dichloroethene	2.111	96	7298	2.718	ug/L #	1
13) Acetone	2.156	43	5918	4.841	ug/L	98
14) Carbon disulfide	2.291	76	19892	2.226	ug/L	96
15) Methyl Acetate	2.429	43	6387	2.293	ug/L	92
16) Methylene chloride	2.503	84	9702	2.906	ug/L	94
17) trans-1,2-Dichloroethene	2.757	96	6943	2.244	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	21931	2.313	ug/L	98
19) 1,1-Dichloroethane	3.185	63	12301	2.321	ug/L	96
20) cis-1,2-Dichloroethene	3.908	96	7821	2.299	ug/L	96
22) 2-Butanone	3.979	43	10519m	5.407	ug/L	
23) Bromochloromethane	4.246	128	3738	2.134	ug/L	96
25) Chloroform	4.368	83	13380	2.435	ug/L	97

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27)	1,2-Dichloroethane	5.133	62	8959	2.308	ug/L		97
29)	Cyclohexane	4.670	56	10559	2.128	ug/L		97
30)	1,1,1-Trichloroethane	4.603	97	10901	2.185	ug/L		98
31)	Carbon tetrachloride	4.822	117	9389	2.155	ug/L		97
33)	Benzene	5.095	78	29083	2.253	ug/L		100
34)	Trichloroethene	5.912	95	7135m	2.206	ug/L		
35)	Methylcyclohexane	6.127	83	12570	2.288	ug/L		97
37)	1,2-Dichloropropane	6.172	63	6640	2.131	ug/L	#	97
38)	Bromodichloromethane	6.506	83	9103	2.116	ug/L		97
39)	cis-1,3-Dichloropropene	7.027	75	11460	2.236	ug/L		93
40)	4-Methyl-2-pentanone	7.227	43	17568	4.729	ug/L		98
42)	Toluene	7.384	91	30584	2.201	ug/L		98
44)	trans-1,3-Dichloropropene	7.648	75	11209m	2.310	ug/L		
45)	1,1,2-Trichloroethane	7.834	97	7206	2.239	ug/L		93
46)	Tetrachloroethene	7.969	164	6104	2.347	ug/L		95
48)	2-Hexanone	8.140	43	18502m	6.519	ug/L		
49)	Dibromochloromethane	8.239	129	7407	2.084	ug/L		96
50)	1,2-Dibromoethane	8.349	107	7572	2.283	ug/L		97
51)	Chlorobenzene	8.876	112	20234	2.300	ug/L		97
52)	Ethylbenzene	9.008	91	32062	2.195	ug/L		98
53)	m,p-Xylene	9.130	106	11968	2.070	ug/L		98
54)	o-Xylene	9.538	106	11712	2.048	ug/L		93
55)	Styrene	9.558	104	20177	2.030	ug/L		95
57)	1,1,2,2-Tetrachloroethane	10.233	83	12641	2.455	ug/L	#	99
59)	Bromoform	9.725	173	5631	2.160	ug/L		98
60)	Isopropylbenzene	9.921	105	31463	2.271	ug/L		99
61)	1,2,3-Trichloropropane	10.265	75	10128	2.780	ug/L		93
62)	1,3,5-Trimethylbenzene	10.529	105	26455	2.159	ug/L		99
63)	1,2,4-Trimethylbenzene	10.905	105	26329	2.168	ug/L		100
64)	1,3-Dichlorobenzene	11.172	146	15117	2.231	ug/L		97
65)	1,4-Dichlorobenzene	11.262	146	16620	2.414	ug/L		99
67)	1,2-Dichlorobenzene	11.632	146	16161	2.333	ug/L		96
68)	1,2-Dibromo-3-chloropr...	12.419	75	2841	2.509	ug/L		90
69)	1,3,5-Trichlorobenzene	12.635	180	11582	2.148	ug/L		97
70)	1,2,4-trichlorobenzene	13.252	180	10002	2.086	ug/L		98
71)	Naphthalene	13.496	128	24176m	2.223	ug/L		
72)	1,2,3-Trichlorobenzene	13.731	180	10569	2.251	ug/L		99

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

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