Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039738.D
Acq On : 18 Oct 2022 10:53
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 18 12:39:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/19/2022
Supervised By :Mahesh Dadoda 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.227	49	1063574	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.684	114	2806739	10.000	ppbv		0.02
55) Chlorobenzene-d5	11.494	117	2631566	10.000	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.802	95	1949720	9.925	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.767	85	1870211	15.168	ppbv		99
3) Chlorodifluoromethane	2.709	51	1169710	9.268	ppbv		96
4) Chloromethane	2.848	50	716363	9.405	ppbv		98
5) Vinyl Chloride	2.957	62	615748	9.699	ppbv		100
6) Bromomethane	3.156	94	223132	9.530	ppbv		97
7) Chloroethane	3.234	64	230119	9.912	ppbv		94
8) Dichlorotetrafluoroethane	2.893	85	1509868	10.208	ppbv		95
9) Propene	2.729	41	550896	9.557	ppbv		98
10) Heptane	7.610	43	1368054	10.170	ppbv		98
11) Trichlorofluoromethane	3.597	101	1441100	9.438	ppbv		97
12) 1,1,2-Trichlorotrifluo...	4.102	101	1116114	9.677	ppbv		98
13) Ethanol	3.275	45	16372	3.728	ppbv	#	23
14) Bromoethene	3.404	108	436852	9.488	ppbv		96
15) Acetone	3.504	43	1119617	9.460	ppbv		100
16) 1,3-Butadiene	3.021	39	606204	10.097	ppbv		97
17) tert-Butyl alcohol	3.912	59	910160	8.570	ppbv		100
18) 1,1-Dichloroethene	3.915	96	508319	10.017	ppbv		98
19) Isopropyl Alcohol	3.613	45	489349	8.112	ppbv		98
20) Methylene Chloride	3.970	84	430150	7.861	ppbv		97
21) Allyl Chloride	4.034	41	790632	9.811	ppbv		99
22) trans-1,2-Dichloroethene	4.481	96	523015	10.419	ppbv		97
23) Vinyl Acetate	4.661	43	486447	9.092	ppbv		98
24) 1,1-Dichloroethane	4.600	63	1053355	9.887	ppbv		99
25) Ethyl Acetate	5.240	43	2446935	9.482	ppbv		99
26) Hexane	5.243	57	987831	9.020	ppbv		96
27) Carbon Disulfide	4.160	76	1255859	10.912	ppbv		98
28) Methyl tert-Butyl Ether	4.623	73	852943	9.270	ppbv		99
29) Chloroform	5.307	83	1524980	9.646	ppbv		100
30) Cyclohexane	6.632	84	850730	10.031	ppbv		96
31) cis-1,2-Dichloroethene	5.111	61	970114	9.794	ppbv		98
32) 1,1,1-Trichloroethane	6.034	97	1455285	10.168	ppbv		98
34) 2-Butanone	4.822	43	1272133	9.228	ppbv		96
35) Carbon Tetrachloride	6.526	117	1559472	10.466	ppbv		98
36) Benzene	6.404	78	2089983	9.740	ppbv		96
37) 1,2-Dichloroethane	5.841	62	1142272	9.780	ppbv		100
38) Trichloroethene	7.323	130	1201174	10.358	ppbv		98
39) 1,2-Dichloropropane	7.105	63	794088	9.583	ppbv		94
40) 1,4-Dioxane	7.314	88	274239	8.105	ppbv	#	1
41) Tetrahydrofuran	5.590	42	860338	10.172	ppbv		95
42) Bromodichloromethane	7.278	83	1636616	10.075	ppbv		98
43) Methyl Methacrylate	7.507	69	815616	10.427	ppbv		96
44) 2,2,4-Trimethylpentane	7.359	57	3566200	9.642	ppbv		99
45) t-1,3-Dichloropropene	8.738	75	752344	11.382	ppbv		95

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46)	cis-1,3-Dichloropropene	8.172	75	1052306	11.183	ppbv		100
47)	1,1,2-Trichloroethane	8.925	97	853585	9.424	ppbv		98
48)	Dibromochloromethane	9.735	129	1413998	10.368	ppbv		99
49)	Bromoform	12.433	173	1156218	10.250	ppbv		98
50)	4-Methyl-2-Pentanone	8.211	43	2246650	10.371	ppbv		98
51)	2-Hexanone	9.581	43	1741935	10.863	ppbv	#	98
52)	Tetrachloroethene	10.645	164	779321	9.519	ppbv		95
53)	Toluene	9.249	91	2467042	10.337	ppbv		99
54)	1,2-Dibromoethane	10.037	107	993207	10.251	ppbv		99
56)	1,1,1,2-Tetrachloroethane	11.532	131	1032642	9.710	ppbv		96
57)	Chlorobenzene	11.555	112	1847762	9.549	ppbv		96
58)	Ethyl Benzene	12.114	91	3212625	10.588	ppbv		98
59)	m/p-Xylene	12.397	91	5399604m	19.997	ppbv		
60)	o-Xylene	13.085	91	2590168	10.045	ppbv		100
61)	Styrene	12.925	104	1535703	11.058	ppbv		98
62)	Isopropylbenzene	14.053	105	3744045	9.649	ppbv		100
63)	1,1,2,2-Tetrachloroethane	13.072	83	960803	9.341	ppbv		99
64)	n-propylbenzene	14.944	120	972794	9.790	ppbv		97
65)	tert-Butylbenzene	16.114	119	3273473	9.549	ppbv		98
66)	Benzyl Chloride	16.352	91	161312	5.910	ppbv	#	84
67)	sec-Butylbenzene	16.664	105	4574206	9.513	ppbv		98
69)	p-Isopropyltoluene	17.021	119	3799177	9.616	ppbv		100
70)	n-Butylbenzene	17.911	91	3830462	9.890	ppbv		99
71)	2-Chlorotoluene	14.828	91	2749676	9.815	ppbv		99
72)	4-Ethyltoluene	15.220	105	3022722	10.268	ppbv		99
73)	1,3,5-Trimethylbenzene	15.378	105	2721690	10.104	ppbv		98
74)	1,2,4-Trimethylbenzene	16.133	105	2898873	9.601	ppbv		97
75)	1,3-Dichlorobenzene	16.358	146	1732002	9.614	ppbv		99
76)	1,4-Dichlorobenzene	16.500	146	1690706	9.381	ppbv		98
77)	1,2-Dichlorobenzene	17.169	146	822445	4.681	ppbv	#	22
78)	Hexachloro-1,3-Butadiene	22.657	225	1329297	9.902	ppbv		100
79)	Naphthalene	21.407	128	2760489	13.853	ppbv		100
80)	Naphthalene,2-methyl-	24.397	142	913285	12.190	ppbv		97
81)	1,2,4-Trichlorobenzene	21.165	180	1545990	11.812	ppbv		99

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

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