Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
Data File : VL040484.D
Acq On : 22 Jun 2023 13:23
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 23 01:30:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Jun 06 06:22:12 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.179	49	996351	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2522065	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.449	117	2498199m	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1956871	9.491	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	2072666	9.558	ppbv	99
3) Chlorodifluoromethane	2.668	51	1503892	9.216	ppbv	99
4) Chloromethane	2.806	50	596907	9.449	ppbv	98
5) Vinyl Chloride	2.912	62	636786	10.101	ppbv	96
6) Bromomethane	3.111	94	311960	9.559	ppbv	98
7) Chloroethane	3.189	64	222404	9.446	ppbv	99
8) Dichlorotetrafluoroethane	2.851	85	1619035	9.454	ppbv	99
9) Propene	2.687	41	440017	8.744	ppbv	96
10) Heptane	7.565	43	1204817	10.578	ppbv	100
11) Trichlorofluoromethane	3.552	101	1660740	9.405	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.053	101	1233389	9.999	ppbv	100
13) Ethanol	3.234	45	103204	9.904	ppbv	99
14) Bromoethene	3.359	108	496571	9.625	ppbv	100
15) Acetone	3.459	43	1055848	8.786	ppbv	98
16) 1,3-Butadiene	2.976	39	583328	9.973	ppbv	98
17) tert-Butyl alcohol	3.867	59	956175	9.679	ppbv	99
18) 1,1-Dichloroethene	3.867	96	532582	9.690	ppbv	97
19) Isopropyl Alcohol	3.565	45	574573	9.920	ppbv	100
20) Methylene Chloride	3.922	84	450519	8.784	ppbv	95
21) Allyl Chloride	3.986	41	675879	9.957	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	571629	10.137	ppbv	95
23) Vinyl Acetate	4.613	43	1187633	10.118	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1141490	9.695	ppbv	99
25) Ethyl Acetate	5.192	43	2081668	9.559	ppbv	100
26) Hexane	5.198	57	949989	9.213	ppbv	99
27) Carbon Disulfide	4.111	76	1344996	10.429	ppbv	100
28) Methyl tert-Butyl Ether	4.574	73	795877	10.026	ppbv	100
29) Chloroform	5.259	83	1659951	9.450	ppbv	98
30) Cyclohexane	6.587	84	818100	9.845	ppbv	97
31) cis-1,2-Dichloroethene	5.063	61	986846	10.003	ppbv	99
32) 1,1,1-Trichloroethane	5.989	97	1673722	9.653	ppbv	100
34) 2-Butanone	4.774	43	1128651	9.280	ppbv	99
35) Carbon Tetrachloride	6.481	117	1735650	10.098	ppbv	97
36) Benzene	6.356	78	1997556	9.957	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1271346	9.727	ppbv	99
38) Trichloroethene	7.275	130	827676	10.889	ppbv	98
39) 1,2-Dichloropropane	7.060	63	763643	9.874	ppbv	98
40) 1,4-Dioxane	7.275	88	217153	9.913	ppbv #	100
41) Tetrahydrofuran	5.542	42	679422	10.221	ppbv	99
42) Bromodichloromethane	7.233	83	1816207	10.091	ppbv	98
43) Methyl Methacrylate	7.458	69	788667	10.944	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3305730	10.083	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	626513	11.774	ppbv	98

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46)	cis-1,3-Dichloropropene	8.127	75	742043	11.439	ppbv	98
47)	1,1,2-Trichloroethane	8.883	97	849437	9.994	ppbv	97
48)	Dibromochloromethane	9.693	129	1436676	10.573	ppbv	100
49)	Bromoform	12.391	173	1097331	10.673	ppbv	100
50)	4-Methyl-2-Pentanone	8.163	43	1732478	10.636	ppbv	100
51)	2-Hexanone	9.536	43	1218760	10.778	ppbv	98
52)	Tetrachloroethene	10.597	164	707146	11.226	ppbv	97
53)	Toluene	9.208	91	2327238	11.014	ppbv	100
54)	1,2-Dibromoethane	9.992	107	1251137	11.229	ppbv	97
56)	1,1,1,2-Tetrachloroethane	11.494	131	1088551	9.271	ppbv	99
57)	Chlorobenzene	11.510	112	1822276	9.651	ppbv	99
58)	Ethyl Benzene	12.072	91	3205120	10.589	ppbv	98
59)	m/p-Xylene	12.355	91	5625707m	20.223	ppbv	
60)	o-Xylene	13.043	91	2669628	10.118	ppbv	99
61)	Styrene	12.883	104	1349848	11.888	ppbv	99
62)	Isopropylbenzene	14.011	105	3893631	9.927	ppbv	100
63)	1,1,2,2-Tetrachloroethane	13.031	83	1663499	9.737	ppbv	99
64)	n-propylbenzene	14.899	120	1005999	10.102	ppbv	97
65)	tert-Butylbenzene	16.075	119	3392118	10.081	ppbv	99
66)	Benzyl Chloride	16.310	91	251611	9.703	ppbv	98
67)	sec-Butylbenzene	16.619	105	4874182	9.934	ppbv	99
69)	p-Isopropyltoluene	16.976	119	3982433	10.213	ppbv	99
70)	n-Butylbenzene	17.870	91	4394452	10.096	ppbv	100
71)	2-Chlorotoluene	14.783	91	3022744	10.379	ppbv	99
72)	4-Ethyltoluene	15.178	105	3174996	10.684	ppbv	99
73)	1,3,5-Trimethylbenzene	15.336	105	2737803	10.423	ppbv	99
74)	1,2,4-Trimethylbenzene	16.092	105	3061662	9.908	ppbv	98
75)	1,3-Dichlorobenzene	16.313	146	1716009	9.900	ppbv	99
76)	1,4-Dichlorobenzene	16.455	146	1692559	10.042	ppbv	99
77)	1,2-Dichlorobenzene	17.127	146	1613331	9.853	ppbv	99
78)	Hexachloro-1,3-Butadiene	22.619	225	1119888	8.868	ppbv	99
79)	Naphthalene	21.361	128	2244623	12.612	ppbv	99
80)	Naphthalene,2-methyl-	24.358	142	629884	11.794	ppbv	96
81)	1,2,4-Trichlorobenzene	21.120	180	1186372	10.761	ppbv	99

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

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