Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041719.D
Acq On : 11 Dec 2024 14:10
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 12 13:14:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Dec 12 13:14:06 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.794	49	291384	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.968	114	1427448	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.898	117	1277950	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.390	95	847807	10.092	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.499	85	445681	8.714	ppbv		100
3) Chlorodifluoromethane	1.476	51	364202	9.182	ppbv		100
4) Chloromethane	1.534	50	119978	8.840	ppbv		100
5) Vinyl Chloride	1.583	62	139269	8.378	ppbv		100
6) Bromomethane	1.670	94	96195	8.824	ppbv		100
7) Chloroethane	1.706	64	62450	8.636	ppbv		100
8) Dichlorotetrafluoroethane	1.557	85	356384	8.546	ppbv		100
9) Propene	1.486	41	151298	8.945	ppbv		100
10) Heptane	4.994	43	445623	9.530	ppbv		100
11) Trichlorofluoromethane	1.881	101	512210	8.697	ppbv		100
12) 1,1,2-Trichlorotrifluo...	2.143	101	456455	8.608	ppbv		100
13) Ethanol	1.722	45	6717	4.801	ppbv		100
14) Bromoethene	1.784	108	172666	8.884	ppbv		100
15) Acetone	1.839	43	242436	7.206	ppbv		100
16) 1,3-Butadiene	1.612	39	98195	8.701	ppbv		100
17) tert-Butyl alcohol	2.043	59	434773	8.914	ppbv		100
18) 1,1-Dichloroethene	2.036	96	208287	8.496	ppbv		100
19) Isopropyl Alcohol	1.887	45	172188	5.388	ppbv		100
20) Methylene Chloride	2.065	84	166024	8.147	ppbv		100
21) Allyl Chloride	2.101	41	171424	9.049	ppbv		100
22) trans-1,2-Dichloroethene	2.347	96	241961	8.622	ppbv		100
23) Vinyl Acetate	2.467	43	193830	9.515	ppbv		100
24) 1,1-Dichloroethane	2.415	63	330606	8.727	ppbv		100
25) Ethyl Acetate	4.994	43	445623	9.530	ppbv	#	100
26) Hexane	2.832	57	423860	9.347	ppbv		100
27) Carbon Disulfide	2.156	76	449721	9.632	ppbv		100
28) Methyl tert-Butyl Ether	2.447	73	316057	9.285	ppbv		100
29) Chloroform	2.855	83	644825	9.289	ppbv		100
30) Cyclohexane	3.868	84	482102	9.460	ppbv		100
31) cis-1,2-Dichloroethene	2.726	61	397098	9.449	ppbv		100
32) 1,1,1-Trichloroethane	3.376	97	652293	9.555	ppbv		100
34) 2-Butanone	2.560	43	455226	9.108	ppbv		100
35) Carbon Tetrachloride	3.774	117	685768	10.315	ppbv		100
36) Benzene	3.664	78	1049009	9.347	ppbv		100
37) 1,2-Dichloroethane	3.227	62	385313	9.504	ppbv		100
38) Trichloroethene	4.561	130	553361	9.507	ppbv		100
39) 1,2-Dichloropropane	4.324	63	341481	9.549	ppbv		100
40) 1,4-Dioxane	4.596	88	203183	9.416	ppbv	#	100
41) Tetrahydrofuran	3.062	42	286980	9.528	ppbv		100
42) Bromodichloromethane	4.502	83	668686	10.216	ppbv		100
43) Methyl Methacrylate	4.894	69	395756	9.790	ppbv		100
44) 2,2,4-Trimethylpentane	4.655	57	1466254	9.385	ppbv		100
45) t-1,3-Dichloropropene	6.431	75	392029	9.905	ppbv		100

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46) cis-1,3-Dichloropropene	5.616	75	526762	10.056	ppbv	100
47) 1,1,2-Trichloroethane	6.600	97	448203	9.412	ppbv	100
48) Dibromochloromethane	7.406	129	717775	10.461	ppbv	100
49) Bromoform	9.500	173	721259	10.987	ppbv	100
50) 4-Methyl-2-Pentanone	5.771	43	675816	9.427	ppbv	100
51) 2-Hexanone	7.454	43	544093	9.228	ppbv	100
52) Tetrachloroethene	8.241	164	548139	9.218	ppbv	100
53) Toluene	6.949	91	1297617	9.408	ppbv	100
54) 1,2-Dibromoethane	7.668	107	633106	9.726	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.940	131	594125	10.000	ppbv	100
57) Chlorobenzene	8.937	112	1093018	9.399	ppbv	100
58) Ethyl Benzene	9.370	91	1625552	9.505	ppbv	100
59) m/p-Xylene	9.568	91	2482984m	18.951	ppbv	
60) o-Xylene	9.979	91	1239639	9.541	ppbv	100
61) Styrene	9.885	104	725710	10.118	ppbv	100
62) Isopropylbenzene	10.555	105	2011979	9.386	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	802268	9.543	ppbv	100
64) n-propylbenzene	11.002	120	607024	9.619	ppbv	100
65) tert-Butylbenzene	11.545	119	1900979	9.356	ppbv	100
66) Benzyl Chloride	10.914	91	1372889	9.422	ppbv	100
67) sec-Butylbenzene	11.782	105	2431886	9.246	ppbv	100
69) p-Isopropyltoluene	11.940	119	2140587	9.436	ppbv	100
70) n-Butylbenzene	12.296	91	1791267	9.515	ppbv	100
71) 2-Chlorotoluene	10.914	91	1372889	9.422	ppbv	100
72) 4-Ethyltoluene	11.138	105	1615742	9.630	ppbv	100
73) 1,3,5-Trimethylbenzene	11.219	105	1332277	9.815	ppbv	100
74) 1,2,4-Trimethylbenzene	11.552	105	1460995	9.901	ppbv	100
75) 1,3-Dichlorobenzene	11.623	146	1108805	9.403	ppbv	100
76) 1,4-Dichlorobenzene	11.685	146	1114894	9.573	ppbv	100
77) 1,2-Dichlorobenzene	11.960	146	1043603	9.346	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	778073	8.478	ppbv	100
79) Naphthalene	13.526	128	1306228	10.342	ppbv	100
80) Naphthalene,2-methyl-	14.471	142	723329	15.829	ppbv	100
81) 1,2,4-Trichlorobenzene	13.455	180	784350	9.863	ppbv	100

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

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