Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
Data File : VL041791.D
Acq On : 18 Dec 2024 12:59
Operator : SY/MD
Sample : MDL 0.4
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 19 07:53:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.4

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.790	49	68824	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.965	114	176743	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.888	117	149550	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.383	95	130797	10.495	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.557	85	4488	0.366	ppbv		92
3) Chlorodifluoromethane	1.476	51	4423	0.394	ppbv		94
4) Chloromethane	1.534	50	2126	0.444	ppbv	#	77
5) Vinyl Chloride	1.583	62	2003	0.415	ppbv		90
6) Bromomethane	1.670	94	967	0.424	ppbv		92
7) Chloroethane	1.706	64	881	0.470	ppbv		98
8) Dichlorotetrafluoroethane	1.557	85	4488	0.409	ppbv		100
9) Propene	1.483	41	1669	0.343	ppbv		84
10) Heptane	4.988	43	1910	0.153	ppbv	#	29
11) Trichlorofluoromethane	1.881	101	5717	0.440	ppbv		89
12) 1,1,2-Trichlorotrifluo...	2.143	101	4016	0.406	ppbv		99
13) Ethanol	1.725	45	318	0.789	ppbv		97
14) Bromoethene	1.784	108	1111	0.333	ppbv	#	81
15) Acetone	1.839	43	7438	0.555	ppbv		97
16) 1,3-Butadiene	1.612	39	2316	0.439	ppbv		94
17) tert-Butyl alcohol	2.046	59	5093	0.383	ppbv		98
18) 1,1-Dichloroethene	2.036	96	1706	0.411	ppbv		95
19) Isopropyl Alcohol	1.891	45	3900	0.485	ppbv	#	38
20) Methylene Chloride	2.065	84	2219	0.581	ppbv		96
21) Allyl Chloride	2.101	41	2695	0.371	ppbv	#	75
22) trans-1,2-Dichloroethene	2.344	96	1966	0.414	ppbv		83
23) Vinyl Acetate	2.463	43	1347	0.217	ppbv	#	62
24) 1,1-Dichloroethane	2.412	63	3836	0.399	ppbv		98
25) Ethyl Acetate	2.845	43	7073	0.284	ppbv		98
26) Hexane	2.832	57	2507	0.265	ppbv	#	81
27) Carbon Disulfide	2.153	76	2092	0.246	ppbv	#	1
28) Methyl tert-Butyl Ether	2.444	73	2603	0.339	ppbv	#	85
29) Chloroform	2.855	83	5796	0.402	ppbv		89
30) Cyclohexane	3.868	84	981	0.122	ppbv	#	1
31) cis-1,2-Dichloroethene	2.344	61	3423	0.350	ppbv		98
32) 1,1,1-Trichloroethane	3.373	97	4971	0.339	ppbv		94
34) 2-Butanone	2.564	43	5055	0.356	ppbv		100
35) Carbon Tetrachloride	3.768	117	2637	0.210	ppbv		91
36) Benzene	3.664	78	5832	0.319	ppbv	#	92
37) 1,2-Dichloroethane	3.221	62	4480	0.394	ppbv		98
38) Trichloroethene	4.554	130	2151	0.277	ppbv	#	72
39) 1,2-Dichloropropane	4.315	63	879	0.133	ppbv	#	91
40) 1,4-Dioxane	4.613	88	238	0.074	ppbv	#	20
41) Tetrahydrofuran	3.072	42	1748	0.219	ppbv	#	87
42) Bromodichloromethane	4.496	83	2314	0.177	ppbv		87
43) Methyl Methacrylate	4.894	69	1268	0.182	ppbv	#	77
44) 2,2,4-Trimethylpentane	4.651	57	5064	0.162	ppbv	#	42
45) t-1,3-Dichloropropene	6.428	75	874	0.121	ppbv		92

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46) cis-1,3-Dichloropropene	5.609	75	1116	0.122	ppbv	#	84
47) 1,1,2-Trichloroethane	6.593	97	745	0.108	ppbv	#	39
48) Dibromochloromethane	7.396	129	2502	0.265	ppbv		92
49) Bromoform	9.487	173	1896	0.246	ppbv		88
51) 2-Hexanone	7.461	43	3210	0.205	ppbv	#	97
52) Tetrachloroethene	8.238	164	1144	0.168	ppbv	#	80
53) Toluene	6.946	91	2057	0.099	ppbv	#	1
56) 1,1,1,2-Tetrachloroethane	8.937	131	1297	0.164	ppbv	#	1
57) Chlorobenzene	8.927	112	6147	0.402	ppbv		95
58) Ethyl Benzene	9.361	91	6214	0.231	ppbv		96
59) m/p-Xylene	9.555	91	4768	0.220	ppbv	#	100
60) o-Xylene	9.972	91	4872	0.224	ppbv		99
61) Styrene	9.879	104	2011	0.214	ppbv		92
62) Isopropylbenzene	10.542	105	9065	0.278	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.972	83	5357	0.394	ppbv		97
64) n-propylbenzene	10.995	120	2010	0.244	ppbv		94
65) tert-Butylbenzene	11.539	119	6064	0.206	ppbv		92
66) Benzyl Chloride	11.626	91	166	0.064	ppbv	#	66
67) sec-Butylbenzene	11.775	105	9538	0.234	ppbv		99
69) p-Isopropyltoluene	11.931	119	7005	0.209	ppbv		97
70) n-Butylbenzene	12.287	91	6332	0.195	ppbv		96
71) 2-Chlorotoluene	10.908	91	6411	0.258	ppbv		100
72) 4-Ethyltoluene	11.128	105	5226	0.204	ppbv	#	96
73) 1,3,5-Trimethylbenzene	11.212	105	4135	0.194	ppbv		89
74) 1,2,4-Trimethylbenzene	11.542	105	4748	0.208	ppbv	#	95
75) 1,3-Dichlorobenzene	11.610	146	5507	0.378	ppbv		98
76) 1,4-Dichlorobenzene	11.675	146	4576	0.318	ppbv		97
77) 1,2-Dichlorobenzene	11.953	146	4756	0.339	ppbv		98
78) Hexachloro-1,3-Butadiene	13.886	225	3702	0.356	ppbv		95
79) Naphthalene	13.517	128	2048	0.129	ppbv	#	92
81) 1,2,4-Trichlorobenzene	13.442	180	1725	0.198	ppbv		95

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

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