Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
Data File : VL042054.D
Acq On : 26 Feb 2025 11:07
Operator : SY/MD
Sample : VL0226ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 27 00:26:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL0226ABS01

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.797	49	153181	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	369057	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	318885	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	257152	10.482	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	154942	9.727	ppbv	100
3) Chlorodifluoromethane	1.480	51	208345	9.358	ppbv	100
4) Chloromethane	1.538	50	53585	9.097	ppbv	99
5) Vinyl Chloride	1.583	62	54944	9.861	ppbv	96
6) Bromomethane	1.674	94	25364	9.560	ppbv	96
7) Chloroethane	1.709	64	21007	9.279	ppbv	88
8) Dichlorotetrafluoroethane	1.557	85	125091	9.553	ppbv	98
9) Propene	1.486	41	83500	9.206	ppbv	99
10) Heptane	5.001	43	256046	9.067	ppbv	99
11) Trichlorofluoromethane	1.884	101	154527	9.682	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.146	101	124837	9.805	ppbv	96
13) Ethanol	1.726	45	3000	5.211	ppbv	92
14) Bromoethene	1.787	108	43051	9.576	ppbv	99
15) Acetone	1.842	43	116404	8.605	ppbv	100
16) 1,3-Butadiene	1.612	39	57319	9.105	ppbv	99
17) tert-Butyl alcohol	2.049	59	156939	9.273	ppbv	99
18) 1,1-Dichloroethene	2.039	96	53389	9.281	ppbv	86
19) Isopropyl Alcohol	1.891	45	68899	8.867	ppbv	100
20) Methylene Chloride	2.069	84	46174	9.024	ppbv	93
21) Allyl Chloride	2.101	41	92702	9.484	ppbv	99
22) trans-1,2-Dichloroethene	2.347	96	61477	9.167	ppbv	99
23) Vinyl Acetate	2.470	43	80476	8.461	ppbv	98
24) 1,1-Dichloroethane	2.415	63	119185	9.551	ppbv	99
25) Ethyl Acetate	2.845	43	509260	9.405	ppbv	100
26) Hexane	2.836	57	194754	8.897	ppbv	94
27) Carbon Disulfide	2.156	76	144095	9.711	ppbv #	91
28) Methyl tert-Butyl Ether	2.451	73	106845	9.804	ppbv	99
29) Chloroform	2.858	83	266332	9.040	ppbv	98
30) Cyclohexane	3.871	84	158311	8.910	ppbv	94
31) cis-1,2-Dichloroethene	2.729	61	193240	9.325	ppbv	94
32) 1,1,1-Trichloroethane	3.379	97	262261	9.177	ppbv	96
34) 2-Butanone	2.567	43	292802	10.184	ppbv	97
35) Carbon Tetrachloride	3.778	117	262129	10.300	ppbv	95
36) Benzene	3.671	78	375533	9.720	ppbv	95
37) 1,2-Dichloroethane	3.231	62	218716	10.211	ppbv	98
38) Trichloroethene	4.567	130	143714	9.110	ppbv	95
39) 1,2-Dichloropropane	4.331	63	146117	9.964	ppbv	99
40) 1,4-Dioxane	4.603	88	65661	9.809	ppbv #	96
41) Tetrahydrofuran	3.066	42	172429	10.150	ppbv	98
42) Bromodichloromethane	4.506	83	289453	10.029	ppbv	100
43) Methyl Methacrylate	4.904	69	151059	10.012	ppbv	95
44) 2,2,4-Trimethylpentane	4.658	57	684336	10.036	ppbv	99
45) t-1,3-Dichloropropene	6.441	75	147062	9.811	ppbv	94

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46)	cis-1,3-Dichloropropene	5.626	75	191420	9.868	ppbv		98
47)	1,1,2-Trichloroethane	6.603	97	139001	9.337	ppbv		97
48)	Dibromochloromethane	7.406	129	228694	9.808	ppbv		100
49)	Bromoform	9.497	173	194002	9.581	ppbv		99
50)	4-Methyl-2-Pentanone	5.775	43	407870	10.969	ppbv		98
51)	2-Hexanone	7.454	43	327784	12.808	ppbv	#	99
52)	Tetrachloroethene	8.241	164	123860	9.365	ppbv		95
53)	Toluene	6.953	91	418086	9.683	ppbv		98
54)	1,2-Dibromoethane	7.671	107	190454	9.462	ppbv		98
56)	1,1,1,2-Tetrachloroethane	8.940	131	171980	9.542	ppbv		100
57)	Chlorobenzene	8.937	112	313487	9.482	ppbv		98
58)	Ethyl Benzene	9.370	91	575798	9.805	ppbv		99
59)	m/p-Xylene	9.565	91	909392m	19.459	ppbv		
60)	o-Xylene	9.976	91	450481	9.588	ppbv		100
61)	Styrene	9.882	104	218205	9.879	ppbv		100
62)	Isopropylbenzene	10.552	105	678100	9.637	ppbv		99
63)	1,1,2,2-Tetrachloroethane	9.976	83	295251	9.543	ppbv		99
64)	n-propylbenzene	10.999	120	178544	9.674	ppbv		95
65)	tert-Butylbenzene	11.542	119	599970	9.369	ppbv		98
66)	Benzyl Chloride	11.630	91	44022	9.009	ppbv		97
67)	sec-Butylbenzene	11.779	105	863022	9.423	ppbv		99
69)	p-Isopropyltoluene	11.937	119	715231	9.816	ppbv		99
70)	n-Butylbenzene	12.293	91	744799	10.014	ppbv		99
71)	2-Chlorotoluene	10.914	91	520897	9.603	ppbv		99
72)	4-Ethyltoluene	11.138	105	558376	9.734	ppbv		99
73)	1,3,5-Trimethylbenzene	11.215	105	475566	9.557	ppbv		98
74)	1,2,4-Trimethylbenzene	11.549	105	520419	9.288	ppbv		99
75)	1,3-Dichlorobenzene	11.620	146	302808	9.390	ppbv		98
76)	1,4-Dichlorobenzene	11.685	146	298128	9.311	ppbv		99
77)	1,2-Dichlorobenzene	11.960	146	293043	9.364	ppbv		99
78)	Hexachloro-1,3-Butadiene	13.892	225	216968	8.911	ppbv		99
79)	Naphthalene	13.523	128	476359	12.399	ppbv		99
80)	Naphthalene,2-methyl-	14.468	142	187061	17.792	ppbv		98
81)	1,2,4-Trichlorobenzene	13.452	180	218258	10.194	ppbv		99

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

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