Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
Data File : VL042460.D
Acq On : 01 May 2025 10:08
Operator : SY/MD
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 02 01:41:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri May 02 01:37:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.784	49	71499	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.955	114	200111	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.881	117	170872	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	158600	10.011	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.499	85	11796	0.997	ppbv		96
3) Chlorodifluoromethane	1.476	51	13375	1.069	ppbv		96
4) Chloromethane	1.531	50	4975	1.006	ppbv		95
5) Vinyl Chloride	1.576	62	4469	0.898	ppbv		100
6) Bromomethane	1.667	94	2570	1.092	ppbv		86
7) Chloroethane	1.703	64	1943	1.057	ppbv		94
8) Dichlorotetrafluoroethane	1.554	85	9804	1.005	ppbv		91
9) Propene	1.482	41	4331	1.058	ppbv		88
10) Heptane	4.975	43	11681m	1.101	ppbv		
11) Trichlorofluoromethane	1.877	101	10649m	1.009	ppbv		
12) 1,1,2-Trichlorotrifluo...	2.140	101	8821	1.012	ppbv		97
13) Ethanol	1.719	45	975	1.174	ppbv	#	52
14) Bromoethene	1.780	108	3164	0.983	ppbv	#	91
15) Acetone	1.835	43	14974	1.147	ppbv		98
16) 1,3-Butadiene	1.609	39	6248	1.085	ppbv		96
17) tert-Butyl alcohol	2.039	59	11546	1.004	ppbv	#	91
18) 1,1-Dichloroethene	2.033	96	4200	1.032	ppbv		86
19) Isopropyl Alcohol	1.884	45	7775	1.076	ppbv		99
20) Methylene Chloride	2.059	84	3909	0.996	ppbv		86
21) Allyl Chloride	2.094	41	8443	1.006	ppbv		94
22) trans-1,2-Dichloroethene	2.337	96	5305	1.116	ppbv		88
23) Vinyl Acetate	2.460	43	10876	0.894	ppbv	#	94
24) 1,1-Dichloroethane	2.405	63	10477	1.080	ppbv		97
25) Ethyl Acetate	2.835	43	21761	1.041	ppbv		99
26) Hexane	2.822	57	9223	1.013	ppbv		97
27) Carbon Disulfide	2.149	76	10342	0.973	ppbv	#	21
28) Methyl tert-Butyl Ether	2.441	73	6101	1.115	ppbv		93
29) Chloroform	2.848	83	17744	1.040	ppbv		97
30) Cyclohexane	3.852	84	7139	0.938	ppbv		88
31) cis-1,2-Dichloroethene	2.719	61	11472	1.080	ppbv		87
32) 1,1,1-Trichloroethane	3.366	97	17881	0.966	ppbv		98
34) 2-Butanone	2.560	43	14641	1.012	ppbv		94
35) Carbon Tetrachloride	3.755	117	18704	1.075	ppbv	#	76
36) Benzene	3.654	78	19493	1.032	ppbv	#	94
37) 1,2-Dichloroethane	3.214	62	15116	1.039	ppbv		98
38) Trichloroethene	4.541	130	7278m	1.011	ppbv		
39) 1,2-Dichloropropane	4.302	63	8103m	1.145	ppbv		
40) 1,4-Dioxane	4.593	88	3703m	1.126	ppbv		
41) Tetrahydrofuran	3.062	42	7091m	1.033	ppbv		
42) Bromodichloromethane	4.486	83	18427	1.036	ppbv	#	81
43) Methyl Methacrylate	4.874	69	6829m	0.971	ppbv		
44) 2,2,4-Trimethylpentane	4.635	57	31820m	1.043	ppbv		
45) t-1,3-Dichloropropene	6.409	75	8461m	0.914	ppbv		

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46) cis-1,3-Dichloropropene	5.596	75	10781m	0.981	ppbv		
47) 1,1,2-Trichloroethane	6.583	97	8183m	1.055	ppbv		
48) Dibromochloromethane	7.386	129	12859m	0.982	ppbv		
49) Bromoform	9.483	173	10709	0.976	ppbv		97
50) 4-Methyl-2-Pentanone	5.768	43	19618m	1.072	ppbv		
51) 2-Hexanone	7.448	43	15091m	1.030	ppbv		
52) Tetrachloroethene	8.221	164	6780	0.943	ppbv		86
53) Toluene	6.930	91	19390	0.970	ppbv		97
54) 1,2-Dibromoethane	7.655	107	11980	1.005	ppbv		91
56) 1,1,1,2-Tetrachloroethane	8.920	131	10811	1.071	ppbv		94
57) Chlorobenzene	8.917	112	18111	1.055	ppbv		90
58) Ethyl Benzene	9.354	91	27914	0.978	ppbv		97
59) m/p-Xylene	9.548	91	47105m	1.968	ppbv		
60) o-Xylene	9.962	91	23806	0.995	ppbv		98
61) Styrene	9.872	104	8537	0.954	ppbv		98
62) Isopropylbenzene	10.539	105	34679	1.003	ppbv		98
63) 1,1,2,2-Tetrachloroethane	9.962	83	16837	1.084	ppbv		98
64) n-propylbenzene	10.985	120	8958	1.064	ppbv		86
65) tert-Butylbenzene	11.529	119	30604	0.992	ppbv		95
66) Benzyl Chloride	11.613	91	3486	0.978	ppbv	#	96
67) sec-Butylbenzene	11.765	105	43740	0.998	ppbv		98
69) p-Isopropyltoluene	11.927	119	37011	1.002	ppbv		99
70) n-Butylbenzene	12.280	91	37892	0.992	ppbv		97
71) 2-Chlorotoluene	10.898	91	26813	0.989	ppbv		99
72) 4-Ethyltoluene	11.124	105	28149	0.996	ppbv		96
73) 1,3,5-Trimethylbenzene	11.202	105	25073	1.009	ppbv		97
74) 1,2,4-Trimethylbenzene	11.535	105	30550	1.016	ppbv		92
75) 1,3-Dichlorobenzene	11.607	146	17456	1.043	ppbv		98
76) 1,4-Dichlorobenzene	11.671	146	16151	1.019	ppbv		99
77) 1,2-Dichlorobenzene	11.947	146	17207	1.050	ppbv		94
78) Hexachloro-1,3-Butadiene	13.879	225	18472	1.129	ppbv		98
79) Naphthalene	13.513	128	28316	1.123	ppbv	#	94
80) Naphthalene,2-methyl-	14.458	142	15804	0.840	ppbv		93
81) 1,2,4-Trichlorobenzene	13.439	180	13644	1.011	ppbv		96

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

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