Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
Data File : VL040911.D
Acq On : 27 Nov 2023 17:18
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 04:39:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Nov 28 04:31:59 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.227	49	1067902	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.680	114	2739026	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.481	117	2613891	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.790	95	1814104	8.864	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 88.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.780	85	2141482	9.892	ppbv		99
3) Chlorodifluoromethane	2.726	51	1673277	9.814	ppbv		99
4) Chloromethane	2.864	50	630161	10.278	ppbv		97
5) Vinyl Chloride	2.970	62	646696	10.605	ppbv		98
6) Bromomethane	3.166	94	238578	10.250	ppbv		97
7) Chloroethane	3.243	64	227923	10.795	ppbv		100
8) Dichlorotetrafluoroethane	2.906	85	1571469	10.053	ppbv		98
9) Propene	2.745	41	595226	10.359	ppbv		99
10) Heptane	7.603	43	1464182	10.358	ppbv		100
11) Trichlorofluoromethane	3.607	101	1628088	9.787	ppbv		97
12) 1,1,2-Trichlorotrifluo...	4.105	101	1169548	9.897	ppbv		99
13) Ethanol	3.285	45	114759	10.285	ppbv	#	100
14) Bromoethene	3.411	108	490056	10.310	ppbv		98
15) Acetone	3.510	43	1156992	10.173	ppbv		99
16) 1,3-Butadiene	3.034	39	643222	11.179	ppbv		100
17) tert-Butyl alcohol	3.919	59	1031306	10.603	ppbv		99
18) 1,1-Dichloroethene	3.922	96	496864	9.433	ppbv		99
19) Isopropyl Alcohol	3.620	45	783873	11.452	ppbv	#	99
20) Methylene Chloride	3.973	84	444356	9.467	ppbv		97
21) Allyl Chloride	4.037	41	756995	10.400	ppbv		98
22) trans-1,2-Dichloroethene	4.484	96	710539	11.886	ppbv		98
23) Vinyl Acetate	4.661	43	1713631	11.668	ppbv		99
24) 1,1-Dichloroethane	4.600	63	1434103	10.956	ppbv		99
25) Ethyl Acetate	5.237	43	2513151	10.672	ppbv		100
26) Hexane	5.246	57	1106283	10.614	ppbv		99
27) Carbon Disulfide	4.163	76	1392409	10.535	ppbv		99
28) Methyl tert-Butyl Ether	4.623	73	1062105	11.268	ppbv		100
29) Chloroform	5.308	83	1767685	10.007	ppbv		99
30) Cyclohexane	6.632	84	935311	10.431	ppbv		98
31) cis-1,2-Dichloroethene	5.111	61	1133977	10.995	ppbv		98
32) 1,1,1-Trichloroethane	6.034	97	1753527	10.640	ppbv		99
34) 2-Butanone	4.819	43	1583406	11.348	ppbv		99
35) Carbon Tetrachloride	6.523	117	1851532	11.018	ppbv		98
36) Benzene	6.401	78	2283864	10.274	ppbv		99
37) 1,2-Dichloroethane	5.838	62	1327250	10.123	ppbv		99
38) Trichloroethene	7.320	130	894549	10.353	ppbv		97
39) 1,2-Dichloropropane	7.098	63	898813	10.198	ppbv		96
40) 1,4-Dioxane	7.304	88	382967	10.950	ppbv	#	92
41) Tetrahydrofuran	5.587	42	951357	11.074	ppbv		100
42) Bromodichloromethane	7.275	83	1962604	10.460	ppbv		97
43) Methyl Methacrylate	7.497	69	957372	11.302	ppbv		98
44) 2,2,4-Trimethylpentane	7.352	57	3804120	10.302	ppbv		99
45) t-1,3-Dichloropropene	8.729	75	651750	13.093	ppbv		99

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46)	cis-1,3-Dichloropropene	8.166	75	805274	12.476	ppbv		98
47)	1,1,2-Trichloroethane	8.922	97	950023	10.286	ppbv		97
48)	Dibromochloromethane	9.729	129	1692656	11.045	ppbv		100
49)	Bromoform	12.420	173	1315841	11.416	ppbv		99
50)	4-Methyl-2-Pentanone	8.201	43	2364562	10.950	ppbv		100
51)	2-Hexanone	9.568	43	1734934	11.398	ppbv	#	99
52)	Tetrachloroethene	10.635	164	801838	10.711	ppbv		97
53)	Toluene	9.240	91	2653239	10.846	ppbv		99
54)	1,2-Dibromoethane	10.028	107	1306279	10.990	ppbv		97
56)	1,1,1,2-Tetrachloroethane	11.523	131	1205316	10.774	ppbv		98
57)	Chlorobenzene	11.542	112	2023727	10.445	ppbv		99
58)	Ethyl Benzene	12.105	91	3540263	10.381	ppbv		98
59)	m/p-Xylene	12.388	91	5926788m	20.407	ppbv		
60)	o-Xylene	13.073	91	2824279	10.215	ppbv		100
61)	Styrene	12.915	104	1488455	11.164	ppbv		99
62)	Isopropylbenzene	14.044	105	4177045	10.226	ppbv		100
63)	1,1,2,2-Tetrachloroethane	13.063	83	2004768	10.231	ppbv		100
64)	n-propylbenzene	14.931	120	1089852	10.646	ppbv		98
65)	tert-Butylbenzene	16.101	119	3630930	10.542	ppbv		98
66)	Benzyl Chloride	16.336	91	137387	10.825	ppbv	#	93
67)	sec-Butylbenzene	16.648	105	5070987	10.307	ppbv		100
69)	p-Isopropyltoluene	17.008	119	4119214	10.500	ppbv		99
70)	n-Butylbenzene	17.899	91	4268114	10.303	ppbv		99
71)	2-Chlorotoluene	14.812	91	3189312	10.243	ppbv		97
72)	4-Ethyltoluene	15.204	105	3249006	10.690	ppbv		99
73)	1,3,5-Trimethylbenzene	15.365	105	2810901	10.458	ppbv		97
74)	1,2,4-Trimethylbenzene	16.117	105	3037884	10.128	ppbv		99
75)	1,3-Dichlorobenzene	16.342	146	1735161	10.476	ppbv		99
76)	1,4-Dichlorobenzene	16.484	146	1721899	10.859	ppbv		99
77)	1,2-Dichlorobenzene	17.153	146	1674364	10.397	ppbv		99
78)	Hexachloro-1,3-Butadiene	22.641	225	950722	9.428	ppbv		98
79)	Naphthalene	21.397	128	1995934	12.946	ppbv		99
80)	Naphthalene,2-methyl-	24.384	142	330986	12.162	ppbv		92
81)	1,2,4-Trichlorobenzene	21.153	180	1005332	10.726	ppbv		95

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

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