Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
Data File : VL037978.D
Acq On : 9 Nov 2021 10:01
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 10 04:47:46 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.661	49	1640669	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	4838402	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	4321252m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	2995117	9.535	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.050	85	2226115	9.630	ppbv	100
3) Chlorodifluoromethane	2.989	51	2736893	8.961	ppbv	99
4) Chloromethane	3.144	50	1063631	9.163	ppbv	97
5) Vinyl Chloride	3.259	62	1051692	9.401	ppbv	97
6) Bromomethane	3.475	94	557944	9.232	ppbv	95
7) Chloroethane	3.558	64	367441	9.099	ppbv	98
8) Dichlorotetrafluoroethane	3.189	85	2344690	8.806	ppbv	99
9) Propene	3.012	41	1043505	9.529	ppbv	96
10) Heptane	8.115	43	2532967	9.942	ppbv	100
11) Trichlorofluoromethane	3.948	101	2100736	9.127	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.481	101	1656735	9.233	ppbv	98
13) Ethanol	3.597	45	114983m	10.408	ppbv	
14) Bromoethene	3.739	108	737880	9.401	ppbv	100
15) Acetone	3.848	43	1212189	8.941	ppbv	98
16) 1,3-Butadiene	3.327	39	985601	9.226	ppbv	97
17) tert-Butyl alcohol	4.279	59	1503152	10.663	ppbv	98
18) 1,1-Dichloroethene	4.285	96	756880	9.165	ppbv	97
19) Isopropyl Alcohol	3.960	45	869602	10.030	ppbv #	94
20) Methylene Chloride	4.343	84	635263	8.535	ppbv	98
21) Allyl Chloride	4.407	41	1269600	10.149	ppbv	98
22) trans-1,2-Dichloroethene	4.883	96	779650	9.501	ppbv	96
23) Vinyl Acetate	5.066	43	1970673	9.654	ppbv	99
24) 1,1-Dichloroethane	5.005	63	1581054	9.375	ppbv	98
25) Ethyl Acetate	5.668	43	3944606	9.796	ppbv	100
26) Hexane	5.677	57	1832330	9.604	ppbv	100
27) Carbon Disulfide	4.546	76	1956997	10.390	ppbv	99
28) Methyl tert-Butyl Ether	5.028	73	1598340	9.965	ppbv	99
29) Chloroform	5.745	83	2571567	9.038	ppbv	97
30) Cyclohexane	7.124	84	1569650	9.625	ppbv	98
31) cis-1,2-Dichloroethene	5.542	61	1704629	9.793	ppbv	99
32) 1,1,1-Trichloroethane	6.504	97	2469597	8.831	ppbv	100
34) 2-Butanone	5.237	43	1687062	9.410	ppbv	100
35) Carbon Tetrachloride	7.008	117	2528226	8.643	ppbv	99
36) Benzene	6.883	78	3821195	9.698	ppbv	98
37) 1,2-Dichloroethane	6.298	62	1794901	9.582	ppbv	98
38) Trichloroethene	7.825	130	1458174	8.916	ppbv	98
39) 1,2-Dichloropropane	7.603	63	1432262	9.661	ppbv	97
40) 1,4-Dioxane	7.832	88	374242m	9.585	ppbv	
41) Tetrahydrofuran	6.041	42	920098	10.489	ppbv	99
42) Bromodichloromethane	7.783	83	2713976	9.583	ppbv	98
43) Methyl Methacrylate	8.002	69	1373441	10.620	ppbv	99
44) 2,2,4-Trimethylpentane	7.861	57	6372600	9.509	ppbv	99
45) t-1,3-Dichloropropene	9.266	75	1112138	11.703	ppbv	95

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46) cis-1,3-Dichloropropene	8.690	75	1474965	11.289	ppbv		99
47) 1,1,2-Trichloroethane	9.462	97	1499719	9.003	ppbv		98
48) Dibromochloromethane	10.291	129	2320886	9.841	ppbv		100
49) Bromoform	13.024	173	1802092	9.667	ppbv		99
50) 4-Methyl-2-Pentanone	8.732	43	2418309	10.266	ppbv		99
51) 2-Hexanone	10.127	43	1070842	10.786	ppbv	#	97
52) Tetrachloroethene	11.211	164	1344517	8.995	ppbv		96
53) Toluene	9.796	91	4281834	10.137	ppbv		99
54) 1,2-Dibromoethane	10.600	107	2121922	9.877	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.111	131	1617833m	9.273	ppbv		
57) Chlorobenzene	12.134	112	3075610	8.917	ppbv		97
58) Ethyl Benzene	12.696	91	5304225	10.037	ppbv		100
59) m/p-Xylene	12.986	91	8849591m	18.841	ppbv		
60) o-Xylene	13.680	91	4060484	9.169	ppbv		99
61) Styrene	13.513	104	2273979	11.181	ppbv		100
62) Isopropylbenzene	14.655	105	5635487	8.987	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.664	83	2851470	7.481	ppbv		98
64) n-propylbenzene	15.548	120	1487221	9.256	ppbv		97
65) tert-Butylbenzene	16.728	119	4873655	8.795	ppbv		100
66) Benzyl Chloride	16.970	91	247343	8.542	ppbv	#	95
67) sec-Butylbenzene	17.278	105	6702976	8.779	ppbv		100
69) p-Isopropyltoluene	17.638	119	5564798	9.087	ppbv		99
70) n-Butylbenzene	18.535	91	5375883	9.553	ppbv		100
71) 2-Chlorotoluene	15.439	91	4058343	9.238	ppbv		99
72) 4-Ethyltoluene	15.825	105	4915659	9.689	ppbv		98
73) 1,3,5-Trimethylbenzene	15.982	105	4284598	9.018	ppbv		99
74) 1,2,4-Trimethylbenzene	16.751	105	4366011	8.772	ppbv		98
75) 1,3-Dichlorobenzene	16.982	146	2648287	8.546	ppbv		99
76) 1,4-Dichlorobenzene	17.124	146	2532548	8.445	ppbv		99
77) 1,2-Dichlorobenzene	17.799	146	2471372	8.493	ppbv		99
78) Hexachloro-1,3-Butadiene	23.355	225	2075099	8.331	ppbv		100
79) Naphthalene	22.175	128	3727054	12.997	ppbv		100
80) Naphthalene,2-methyl-	24.956	142	1176265	21.071	ppbv		100
81) 1,2,4-Trichlorobenzene	21.911	180	2072199	11.102	ppbv		99

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

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