Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102521\
Data File : VL037907.D
Acq On : 26 Oct 2021 8:50
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 27 12:16:38 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.71	49	1481422	10.00	ppbv		0.04
33) 1,4-Difluorobenzene	7.22	114	4402414	10.00	ppbv		0.04
55) Chlorobenzene-d5	12.13	117	3873949m	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	2817989	10.40	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	1905504	8.053	ppbv		97
3) Chlorodifluoromethane	3.02	51	2462251	8.650	ppbv		99
4) Chloromethane	3.18	50	857428	8.224	ppbv		95
5) Vinyl Chloride	3.29	62	877761	9.184	ppbv		96
6) Bromomethane	3.51	94	349724m	6.765	ppbv		
7) Chloroethane	3.59	64	300966	8.565	ppbv		90
8) Dichlorotetrafluoroethane	3.22	85	2027802	8.670	ppbv		99
9) Propene	3.04	41	804502	7.681	ppbv		98
10) Heptane	8.17	43	2130120	8.955	ppbv		99
11) Trichlorofluoromethane	3.99	101	1803738	8.544	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.52	101	1374728	8.594	ppbv		100
13) Ethanol	3.64	45	85760	10.013	ppbv		98
14) Bromoethene	3.78	108	602836	8.571	ppbv		96
15) Acetone	3.89	43	1007657	7.577	ppbv		99
16) 1,3-Butadiene	3.36	39	899519	9.296	ppbv		92
17) tert-Butyl alcohol	4.32	59	1057239	7.719	ppbv		98
18) 1,1-Dichloroethene	4.33	96	617199	8.490	ppbv		95
19) Isopropyl Alcohol	4.00	45	672409	8.127	ppbv	#	92
20) Methylene Chloride	4.38	84	511247	7.609	ppbv		95
21) Allyl Chloride	4.45	41	831649	7.059	ppbv		95
22) trans-1,2-Dichloroethene	4.93	96	636416	8.708	ppbv		99
23) Vinyl Acetate	5.11	43	1675523	8.407	ppbv		99
24) 1,1-Dichloroethane	5.05	63	1292737	8.911	ppbv		99
25) Ethyl Acetate	5.72	43	3085200	8.267	ppbv		99
26) Hexane	5.73	57	1555595	8.466	ppbv		94
27) Carbon Disulfide	4.59	76	1522570	9.349	ppbv		98
28) Methyl tert-Butyl Ether	5.08	73	1172359	7.663	ppbv		100
29) Chloroform	5.80	83	2219299	8.449	ppbv		97
30) Cyclohexane	7.18	84	1332143	8.549	ppbv		98
31) cis-1,2-Dichloroethene	5.59	61	1377963	8.260	ppbv		98
32) 1,1,1-Trichloroethane	6.56	97	2095686	8.416	ppbv		100
34) 2-Butanone	5.28	43	1382551	7.779	ppbv		100
35) Carbon Tetrachloride	7.07	117	2169627	8.678	ppbv		98
36) Benzene	6.94	78	3185730	8.472	ppbv		97
37) 1,2-Dichloroethane	6.35	62	1506341	8.508	ppbv		99
38) Trichloroethene	7.88	130	1267490	8.532	ppbv		95
39) 1,2-Dichloropropane	7.66	63	1220496	8.629	ppbv		99
40) 1,4-Dioxane	7.88	88	280532	7.926	ppbv	#	100
41) Tetrahydrofuran	6.10	42	659073	7.573	ppbv		97
42) Bromodichloromethane	7.83	83	2341243	9.002	ppbv		100
43) Methyl Methacrylate	8.06	69	1171244	9.536	ppbv		98

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44) 2,2,4-Trimethylpentane	7.92	57	5425003	8.587	ppbv		98
45) t-1,3-Dichloropropene	9.33	75	443205m	5.245	ppbv		
46) cis-1,3-Dichloropropene	8.75	75	808300	6.901	ppbv		98
47) 1,1,2-Trichloroethane	9.52	97	1315396	8.555	ppbv		99
48) Dibromochloromethane	10.35	129	2086809	9.520	ppbv		99
49) Bromoform	13.09	173	1742433	10.389	ppbv		99
50) 4-Methyl-2-Pentanone	8.79	43	2181330	9.428	ppbv		99
51) 2-Hexanone	10.18	43	1079689	10.453	ppbv	#	100
52) Tetrachloroethene	11.27	164	1163502	7.953	ppbv		97
53) Toluene	9.85	91	3695867	8.869	ppbv		99
54) 1,2-Dibromoethane	10.66	107	1717753	8.271	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.18	131	1485300	9.262	ppbv		93
57) Chlorobenzene	12.19	112	2762390	8.692	ppbv		98
58) Ethyl Benzene	12.76	91	4818499	9.263	ppbv		100
59) m/p-Xylene	13.04	91	8172070m	18.301	ppbv		
60) o-Xylene	13.74	91	3871887	9.048	ppbv		100
61) Styrene	13.57	104	2019630	9.757	ppbv		98
62) Isopropylbenzene	14.72	105	5580187	9.349	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.72	83	2937687	8.896	ppbv		99
64) n-propylbenzene	15.61	120	1484977	9.977	ppbv		95
65) tert-Butylbenzene	16.79	119	4886089	9.302	ppbv		98
66) Benzyl Chloride	17.04	91	105558m	4.072	ppbv		
67) sec-Butylbenzene	17.34	105	6892920	9.595	ppbv		100
69) p-Isopropyltoluene	17.70	119	5716819	9.843	ppbv		99
70) n-Butylbenzene	18.59	91	5574630	10.104	ppbv		99
71) 2-Chlorotoluene	15.50	91	4088172	9.699	ppbv		99
72) 4-Ethyltoluene	15.89	105	4723676	9.721	ppbv		99
73) 1,3,5-Trimethylbenzene	16.04	105	4179072	9.468	ppbv		93
74) 1,2,4-Trimethylbenzene	16.81	105	4380944	9.452	ppbv		95
75) 1,3-Dichlorobenzene	17.04	146	2767644	9.638	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	2652442	9.683	ppbv		100
77) 1,2-Dichlorobenzene	17.86	146	2673758	9.693	ppbv		99
78) Hexachloro-1,3-Butadiene	23.42	225	2010716	8.927	ppbv		99
79) Naphthalene	22.25	128	3161536	11.138	ppbv		100
80) Naphthalene,2-methyl-	25.00	142	676669	8.878	ppbv		96
81) 1,2,4-Trichlorobenzene	21.98	180	1958208	10.786	ppbv		100

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

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