Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111820\
Data File : VL035992.D
Acq On : 19 Nov 2020 8:42
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 19 09:35:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
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11/20/2020 12:28:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.63	49	1135696	10.00	ppbv		-0.04
33) 1,4-Difluorobenzene	7.13	114	4165294	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.04	117	4265585m	10.00	ppbv		-0.05
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.37	95	3160772	10.43	ppbv		-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	1802604	8.431	ppbv		100
3) Chlorodifluoromethane	2.95	51	1333535	9.805	ppbv		99
4) Chloromethane	3.11	50	652034	9.869	ppbv		99
5) Vinyl Chloride	3.22	62	804917	9.557	ppbv		99
6) Bromomethane	3.44	94	688468	10.164	ppbv		95
7) Chloroethane	3.52	64	310344	10.470	ppbv		100
8) Dichlorotetrafluoroethane	3.15	85	2358585	9.638	ppbv		97
9) Propene	2.98	41	474651	9.535	ppbv		98
10) Heptane	8.08	43	1492789	10.857	ppbv		99
11) Trichlorofluoromethane	3.91	101	2824667	10.521	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.45	101	2086648	10.439	ppbv		98
13) Ethanol	3.57	45	107014	9.909	ppbv		97
14) Bromoethene	3.70	108	902221	9.807	ppbv		99
15) Acetone	3.81	43	1218604	10.037	ppbv		100
16) 1,3-Butadiene	3.29	39	536966	10.272	ppbv		99
17) tert-Butyl alcohol	4.26	59	1705938	10.602	ppbv		98
18) 1,1-Dichloroethene	4.25	96	959986	10.460	ppbv		93
19) Isopropyl Alcohol	3.93	45	820971	11.003	ppbv	#	96
20) Methylene Chloride	4.30	84	788035	9.220	ppbv		99
21) Allyl Chloride	4.37	41	690540	10.517	ppbv		97
22) trans-1,2-Dichloroethene	4.84	96	972922	10.457	ppbv		99
23) Vinyl Acetate	5.03	43	1568606	9.217	ppbv		100
24) 1,1-Dichloroethane	4.97	63	1626376	10.030	ppbv		100
25) Ethyl Acetate	5.64	43	2520577	10.538	ppbv		99
26) Hexane	5.65	57	1302405	9.873	ppbv		96
27) Carbon Disulfide	4.51	76	2148301	10.869	ppbv		99
28) Methyl tert-Butyl Ether	4.99	73	2118029	8.941	ppbv		100
29) Chloroform	5.71	83	2572791	9.923	ppbv		99
30) Cyclohexane	7.09	84	1363869	9.493	ppbv		98
31) cis-1,2-Dichloroethene	5.51	61	1336212	9.847	ppbv		95
32) 1,1,1-Trichloroethane	6.47	97	2447293	9.045	ppbv		98
34) 2-Butanone	5.20	43	1561531	11.551	ppbv		97
35) Carbon Tetrachloride	6.97	117	2475200	11.122	ppbv		97
36) Benzene	6.85	78	3198711	10.330	ppbv		99
37) 1,2-Dichloroethane	6.27	62	1612322	11.493	ppbv		99
38) Trichloroethene	7.79	130	1519285	10.045	ppbv		97
39) 1,2-Dichloropropane	7.57	63	1140401	10.939	ppbv		98
40) 1,4-Dioxane	7.79	88	554661	11.225	ppbv		98
41) Tetrahydrofuran	6.01	42	897974	11.692	ppbv		97
42) Bromodichloromethane	7.75	83	2665608	11.261	ppbv		98
43) Methyl Methacrylate	7.97	69	1330677	11.266	ppbv		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.83	57	4551015	11.106	ppbv		99
45) t-1,3-Dichloropropene	9.24	75	1414626	11.298	ppbv		99
46) cis-1,3-Dichloropropene	8.66	75	1774954	11.193	ppbv		98
47) 1,1,2-Trichloroethane	9.43	97	1519301	10.695	ppbv		100
48) Dibromochloromethane	10.26	129	2452705	11.302	ppbv		99
49) Bromoform	13.00	173	2058902	11.243	ppbv		99
50) 4-Methyl-2-Pentanone	8.70	43	2524684	12.214	ppbv		98
51) 2-Hexanone	10.09	43	2091082	12.593	ppbv	#	97
52) Tetrachloroethene	11.18	164	1343016	9.154	ppbv		98
53) Toluene	9.76	91	3920807	10.493	ppbv		99
54) 1,2-Dibromoethane	10.57	107	2283536	10.570	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.08	131	1922474	10.042	ppbv		98
57) Chlorobenzene	12.10	112	3236203	9.542	ppbv		99
58) Ethyl Benzene	12.67	91	5112007	9.840	ppbv		100
59) m/p-Xylene	12.95	91	8864594m	20.168	ppbv		
60) o-Xylene	13.65	91	4379476	10.242	ppbv		99
61) Styrene	13.48	104	3218691	10.274	ppbv		99
62) Isopropylbenzene	14.63	105	6448066	9.595	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.64	83	3263108	9.849	ppbv		99
64) n-propylbenzene	15.52	120	1914654	9.856	ppbv		95
65) tert-Butylbenzene	16.70	119	5861976	9.583	ppbv		98
66) Benzyl Chloride	16.95	91	2174437	10.754	ppbv		97
67) sec-Butylbenzene	17.26	105	7929653	9.619	ppbv		98
69) p-Isopropyltoluene	17.61	119	6543396	9.619	ppbv		98
70) n-Butylbenzene	18.51	91	6683121	10.201	ppbv		99
71) 2-Chlorotoluene	15.41	91	4960846	10.092	ppbv		97
72) 4-Ethyltoluene	15.80	105	5193680	10.015	ppbv		99
73) 1,3,5-Trimethylbenzene	15.96	105	4795146	10.104	ppbv		99
74) 1,2,4-Trimethylbenzene	16.72	105	5090676	10.011	ppbv		96
75) 1,3-Dichlorobenzene	16.96	146	3092195	9.550	ppbv		98
76) 1,4-Dichlorobenzene	17.10	146	3009257	9.634	ppbv		98
77) 1,2-Dichlorobenzene	17.78	146	2936676	9.304	ppbv		98
78) Hexachloro-1,3-Butadiene	23.34	225	1434312	9.739	ppbv		100
79) Naphthalene	22.15	128	3802917	10.728	ppbv		100
80) Naphthalene,2-methyl-	24.95	142	813861	14.088	ppbv		98
81) 1,2,4-Trichlorobenzene	21.88	180	1858989	9.386	ppbv		98

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

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