Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070819\
Data File : VL034015.D
Acq On : 8 Jul 2019 17:19
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 09 05:09:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070219AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Jul 0
QLast Update : Tue Jul 02 19:31:31 2019
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
7/10/2019 8:50:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	1107227	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.26	114	2821812	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.20	117	3041174	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.53	95	2250145	8.68	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 86.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	1797598	7.867	ppbv	100
3) Chlorodifluoromethane	2.99	51	1274392	9.321	ppbv	100
4) Chloromethane	3.15	50	740208	9.415	ppbv	96
5) Vinyl Chloride	3.27	62	813185	9.198	ppbv	97
6) Bromomethane	3.49	94	529176	10.151	ppbv	96
7) Chloroethane	3.58	64	309319	9.790	ppbv	97
8) Dichlorotetrafluoroethane	3.20	85	2107618	9.461	ppbv	100
9) Propene	3.02	41	484279	9.628	ppbv	95
10) Heptane	8.21	43	1402392	11.136	ppbv	100
11) Trichlorofluoromethane	3.98	101	2264509	8.814	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.53	101	1624996	8.935	ppbv	99
13) Ethanol	3.63	45	146001	9.344	ppbv	91
14) Bromoethene	3.76	108	702859	10.350	ppbv	98
15) Acetone	3.88	43	1529817	8.218	ppbv	100
16) 1,3-Butadiene	3.34	39	675362	10.274	ppbv	99
17) tert-Butyl alcohol	4.33	59	1452868	9.789	ppbv	99
18) 1,1-Dichloroethene	4.33	96	758661	9.366	ppbv	99
19) Isopropyl Alcohol	4.00	45	1156111	9.252	ppbv	100
20) Methylene Chloride	4.38	84	661773	8.151	ppbv	96
21) Allyl Chloride	4.45	41	1111115	9.573	ppbv	99
22) trans-1,2-Dichloroethene	4.93	96	806381	10.448	ppbv	98
23) Vinyl Acetate	5.13	43	2022849	10.887	ppbv	100
24) 1,1-Dichloroethane	5.07	63	1678619	10.194	ppbv	100
25) Ethyl Acetate	5.74	43	2673792	10.501	ppbv	100
26) Hexane	5.75	57	1227729	10.537	ppbv	98
27) Carbon Disulfide	4.59	76	1988026	10.036	ppbv	100
28) Methyl tert-Butyl Ether	5.08	73	2103129	10.658	ppbv	100
29) Chloroform	5.82	83	2137111	9.760	ppbv	99
30) Cyclohexane	7.21	84	1027469	11.418	ppbv	96
31) cis-1,2-Dichloroethene	5.61	61	1274133	11.318	ppbv	99
32) 1,1,1-Trichloroethane	6.59	97	2081812	9.380	ppbv	99
34) 2-Butanone	5.30	43	1617126	10.828	ppbv	99
35) Carbon Tetrachloride	7.10	117	2230970	9.987	ppbv	96
36) Benzene	6.97	78	2488556	11.271	ppbv	99
37) 1,2-Dichloroethane	6.38	62	1652298	10.158	ppbv	100
38) Trichloroethene	7.93	130	1098615	11.183	ppbv	95
39) 1,2-Dichloropropane	7.70	63	895950	10.912	ppbv	97
40) 1,4-Dioxane	7.92	88	419288	11.061	ppbv #	95
41) Tetrahydrofuran	6.12	42	832417	11.366	ppbv	97
42) Bromodichloromethane	7.88	83	2334735	10.697	ppbv	97
43) Methyl Methacrylate	8.10	69	1017347	12.144	ppbv	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.95	57	4209621	11.045	ppbv		99
45) t-1,3-Dichloropropene	9.38	75	1411989	12.889	ppbv		95
46) cis-1,3-Dichloropropene	8.80	75	1553168	12.242	ppbv		98
47) 1,1,2-Trichloroethane	9.58	97	1088615	10.546	ppbv		97
48) Dibromochloromethane	10.41	129	2016650	10.238	ppbv		100
49) Bromoform	13.16	173	1874616	11.140	ppbv		98
50) 4-Methyl-2-Pentanone	8.83	43	2426266	10.948	ppbv		98
51) 2-Hexanone	10.23	43	2001218	11.197	ppbv	#	99
52) Tetrachloroethene	11.33	164	1029370	10.832	ppbv		97
53) Toluene	9.91	91	3026759	11.975	ppbv		99
54) 1,2-Dibromoethane	10.72	107	1688988	11.087	ppbv		93
56) 1,1,1,2-Tetrachloroethane	12.24	131	1330917	9.792	ppbv	#	93
57) Chlorobenzene	12.26	112	2353610	9.721	ppbv		95
58) Ethyl Benzene	12.82	91	4191811	11.462	ppbv		99
59) m/p-Xylene	13.11	91	7088445m	21.406	ppbv		
60) o-Xylene	13.81	91	3488282	10.530	ppbv		99
61) Styrene	13.64	104	2595405	11.839	ppbv		99
62) Isopropylbenzene	14.78	105	4653396	9.138	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.79	83	2406407	9.385	ppbv		99
64) n-propylbenzene	15.68	120	1190025	9.011	ppbv		99
65) tert-Butylbenzene	16.87	119	4190536	9.677	ppbv		99
66) Benzyl Chloride	17.12	91	2325552	10.496	ppbv		100
67) sec-Butylbenzene	17.42	105	5848705	9.622	ppbv		99
69) p-Isopropyltoluene	17.78	119	4847724	9.673	ppbv		100
70) n-Butylbenzene	18.67	91	5035579	9.565	ppbv		99
71) 2-Chlorotoluene	15.58	91	3478891	9.335	ppbv		100
72) 4-Ethyltoluene	15.96	105	4048764	9.517	ppbv		99
73) 1,3,5-Trimethylbenzene	16.12	105	3912944	9.885	ppbv		99
74) 1,2,4-Trimethylbenzene	16.88	105	4070729	9.285	ppbv		95
75) 1,3-Dichlorobenzene	17.12	146	2427081	8.715	ppbv		99
76) 1,4-Dichlorobenzene	17.27	146	2398569	9.145	ppbv		99
77) 1,2-Dichlorobenzene	17.95	146	2320294	8.998	ppbv		100
78) Hexachloro-1,3-Butadiene	23.50	225	2114620	9.637	ppbv		98
79) Naphthalene	22.36	128	3745891	10.163	ppbv		98
80) Naphthalene,2-methyl-	25.08	142	1948906	14.530	ppbv		97
81) 1,2,4-Trichlorobenzene	22.09	180	2220370	9.380	ppbv		100

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

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