Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL011216\
Data File : VL026668.D
Acq On : 12 Jan 2016 9:09
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
mohammad
1/13/2016 2:36:23 PM

Quant Time: Jan 13 04:21:31 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Jan 1
QLast Update : Mon Jan 11 17:14:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.66	49	707441	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	8.33	114	2237376	10.00	ppbv		0.02
55) Chlorobenzene-d5	13.75	117	2924369m	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.30	95	2436304	10.45	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	2142289	11.39	ppbv		98
3) Chlorodifluoromethane	3.57	51	941801	10.00	ppbv		97
4) Chloromethane	3.75	50	423897	9.20	ppbv		99
5) Vinyl Chloride	3.89	62	512046	9.18	ppbv		98
6) Bromomethane	4.14	94	413133	10.40	ppbv		97
7) Chloroethane	4.25	64	231012	10.24	ppbv		99
8) Dichlorotetrafluoroethane	3.81	85	1551498	10.50	ppbv		99
9) Propene	3.60	41	296585	8.76	ppbv		98
10) Heptane	9.35	43	1233395	9.78	ppbv		96
11) Trichlorofluoromethane	4.70	101	2247908	11.53	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	5.31	101	1317642	11.00	ppbv		99
13) Ethanol	4.33	45	59255	9.21	ppbv		100
14) Bromoethene	4.45	108	464597	10.77	ppbv		98
15) Acetone	4.60	43	1093905	9.40	ppbv		98
16) 1,3-Butadiene	3.97	39	455246	9.80	ppbv		99
17) tert-Butyl alcohol	5.13	59	990368	11.29	ppbv		100
18) 1,1-Dichloroethene	5.09	96	537422	10.76	ppbv		99
19) Isopropyl Alcohol	4.75	45	494859	10.31	ppbv	#	99
20) Methylene Chloride	5.15	84	479667	10.04	ppbv		96
21) Allyl Chloride	5.23	41	707403	9.91	ppbv		88
22) trans-1,2-Dichloroethene	5.77	96	593265	10.40	ppbv		99
23) Vinyl Acetate	5.98	43	1828601	10.23	ppbv		99
24) 1,1-Dichloroethane	5.92	63	1300152	10.09	ppbv		99
25) Ethyl Acetate	6.67	43	1799279	10.02	ppbv		99
26) Hexane	6.66	57	928850	10.00	ppbv		97
27) Carbon Disulfide	5.39	76	1535491	11.12	ppbv		97
28) Methyl tert-Butyl Ether	5.95	73	2015163	10.91	ppbv		96
29) Chloroform	6.75	83	1829479	10.85	ppbv		100
30) Cyclohexane	8.29	84	980588	10.69	ppbv		95
31) cis-1,2-Dichloroethene	6.52	61	1005379	10.74	ppbv		97
32) 1,1,1-Trichloroethane	7.60	97	2038930	10.71	ppbv		99
34) 2-Butanone	6.20	43	1065934	8.94	ppbv		97
35) Carbon Tetrachloride	8.17	117	2063915	10.49	ppbv		99
36) Benzene	8.02	78	2180887	9.47	ppbv		98
37) 1,2-Dichloroethane	7.38	62	1650241	10.48	ppbv		99
38) Trichloroethene	9.07	130	899516	8.75	ppbv		96
39) 1,2-Dichloropropane	8.83	63	741129	9.31	ppbv		93
40) 1,4-Dioxane	9.12	88	216758	11.85	ppbv		84
41) Tetrahydrofuran	7.12	42	546512	9.25	ppbv		95
42) Bromodichloromethane	9.03	83	2151047	10.58	ppbv		99
43) Methyl Methacrylate	9.27	69	873773	10.39	ppbv		96

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QLast Update : Mon Jan 11 17:14:02 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.09	57	3321505	8.94	ppbv		97
45) t-1,3-Dichloropropene	10.65	75	1592735	11.70	ppbv		100
46) cis-1,3-Dichloropropene	10.02	75	1708557	11.03	ppbv		97
47) 1,1,2-Trichloroethane	10.88	97	1115490	9.83	ppbv		98
48) Dibromochloromethane	11.80	129	1904940	11.19	ppbv		100
49) Bromoform	14.82	173	1594650	11.48	ppbv		100
50) 4-Methyl-2-Pentanone	10.09	43	1621980	9.67	ppbv		99
51) 2-Hexanone	11.62	43	1638331	10.61	ppbv	#	100
52) Tetrachloroethene	12.80	164	1068611	9.28	ppbv		99
53) Toluene	11.24	91	3279416	10.10	ppbv		100
54) 1,2-Dibromoethane	12.15	107	1820884	10.14	ppbv		97
56) 1,1,1,2-Tetrachloroethane	13.79	131	1408172	10.46	ppbv		97
57) Chlorobenzene	13.82	112	2867029	9.52	ppbv		99
58) Ethyl Benzene	14.42	91	5480785	10.49	ppbv		98
59) m/p-Xylene	14.72	91	8486335	19.71	ppbv	#	31
60) o-Xylene	15.50	91	4445382	9.56	ppbv		99
61) Styrene	15.32	104	2089370	11.49	ppbv		99
62) Isopropylbenzene	16.55	105	6188001	10.05	ppbv		99
63) 1,1,2,2-Tetrachloroethane	15.49	83	2782510	8.02	ppbv		100
64) n-propylbenzene	17.53	120	1680945	10.18	ppbv		97
65) tert-Butylbenzene	18.82	119	5280334	9.36	ppbv		100
66) Benzyl Chloride	19.11	91	2389466	11.85	ppbv		99
67) sec-Butylbenzene	19.42	105	8264495	9.87	ppbv		99
69) p-Isopropyltoluene	19.80	119	6545340	10.22	ppbv		99
70) n-Butylbenzene	20.76	91	6890546	10.34	ppbv		99
71) 2-Chlorotoluene	17.43	91	5073005	10.58	ppbv		98
72) 4-Ethyltoluene	17.83	105	5462721	10.50	ppbv		100
73) 1,3,5-Trimethylbenzene	18.00	105	5037971	10.22	ppbv		98
74) 1,2,4-Trimethylbenzene	18.84	105	4898786	9.36	ppbv	#	92
75) 1,3-Dichlorobenzene	19.13	146	3141034	9.71	ppbv		100
76) 1,4-Dichlorobenzene	19.28	146	3317559	10.00	ppbv		100
77) 1,2-Dichlorobenzene	20.03	146	3299181	10.05	ppbv		98
78) Hexachloro-1,3-Butadiene	24.68	225	1158588	8.65	ppbv		99
79) Naphthalene	23.94	128	3694937	10.46	ppbv		99
80) Naphthalene,2-methyl-	26.05	142	817087	14.90	ppbv		99
81) 1,2,4-Trichlorobenzene	23.74	180	1618142	10.06	ppbv		99

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

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