Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026833.D
Acq On : 10 Feb 2016 00:06
Operator : SY/AP
Sample : VL0209ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0209ABS01

Manual Integrations APPROVED
MMDadoda
2/11/2016 1:23:34 PM

Quant Time: Feb 10 03:55:28 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 1
QLast Update : Wed Feb 10 03:14:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.70	49	1682697	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.38	114	4899822	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.80	117	4766149m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.34	95	3278761	9.58	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.67	85	3657547	10.05	ppbv	100
3) Chlorodifluoromethane	3.60	51	1726906	6.33	ppbv	100
4) Chloromethane	3.78	50	1041253	9.65	ppbv	100
5) Vinyl Chloride	3.92	62	1146552	9.44	ppbv	100
6) Bromomethane	4.18	94	1013273	10.05	ppbv	96
7) Chloroethane	4.28	64	520962	9.77	ppbv	100
8) Dichlorotetrafluoroethane	3.84	85	3157987	9.77	ppbv	96
9) Propene	3.63	41	738399	10.01	ppbv	99
10) Heptane	9.40	43	2634358	10.91	ppbv	98
11) Trichlorofluoromethane	4.73	101	4161975	9.64	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	5.34	101	3028172	9.92	ppbv	97
13) Ethanol	4.36	45	118713	9.36	ppbv	94
14) Bromoethene	4.49	108	1160270	10.38	ppbv	99
15) Acetone	4.64	43	1771869	7.66	ppbv	99
16) 1,3-Butadiene	4.00	39	857884	9.50	ppbv	97
17) tert-Butyl alcohol	5.17	59	1639585	10.74	ppbv	99
18) 1,1-Dichloroethene	5.12	96	1291385	10.09	ppbv	95
19) Isopropyl Alcohol	4.79	45	896419	10.87	ppbv	99
20) Methylene Chloride	5.19	84	1148691	9.59	ppbv	96
21) Allyl Chloride	5.26	41	1356579	9.50	ppbv	98
22) trans-1,2-Dichloroethene	5.81	96	1250365	10.83	ppbv	96
23) Vinyl Acetate	6.03	43	3282075	10.47	ppbv	99
24) 1,1-Dichloroethane	5.95	63	2538408	10.13	ppbv	99
25) Ethyl Acetate	6.71	43	3773923	10.88	ppbv	99
26) Hexane	6.70	57	2078760	10.63	ppbv	96
27) Carbon Disulfide	5.43	76	3419040	10.15	ppbv	98
28) Methyl tert-Butyl Ether	5.99	73	3308621	10.83	ppbv	100
29) Chloroform	6.79	83	3152649	10.36	ppbv	99
30) Cyclohexane	8.33	84	1858466	11.68	ppbv	95
31) cis-1,2-Dichloroethene	6.56	61	1802359	11.04	ppbv	95
32) 1,1,1-Trichloroethane	7.64	97	3201899	10.46	ppbv	99
34) 2-Butanone	6.24	43	2254302	9.39	ppbv	97
35) Carbon Tetrachloride	8.21	117	3512783	9.87	ppbv	100
36) Benzene	8.07	78	4082061	10.50	ppbv	99
37) 1,2-Dichloroethane	7.42	62	2286860	9.39	ppbv	97
38) Trichloroethene	9.12	130	2012298	11.23	ppbv	97
39) 1,2-Dichloropropane	8.87	63	1460758	9.94	ppbv	97
40) 1,4-Dioxane	9.16	88	379653	14.56	ppbv	68
41) Tetrahydrofuran	7.17	42	1252463	10.59	ppbv	96
42) Bromodichloromethane	9.07	83	3350410	10.22	ppbv	99
43) Methyl Methacrylate	9.31	69	1557235	11.42	ppbv	93

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QLast Update : Wed Feb 10 03:14:04 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.13	57	6857849	10.32	ppbv	99
45) t-1,3-Dichloropropene	10.70	75	2166993	11.82	ppbv	98
46) cis-1,3-Dichloropropene	10.07	75	2622757	11.75	ppbv	95
47) 1,1,2-Trichloroethane	10.93	97	1729359	10.63	ppbv	100
48) Dibromochloromethane	11.85	129	2990990	11.25	ppbv	99
49) Bromoform	14.87	173	2385092	11.91	ppbv	100
50) 4-Methyl-2-Pentanone	10.14	43	3002237	10.60	ppbv	97
51) 2-Hexanone	11.66	43	2716712	11.44	ppbv	96
52) Tetrachloroethene	12.84	164	1812223	11.84	ppbv	98
53) Toluene	11.29	91	5070905	11.59	ppbv	99
54) 1,2-Dibromoethane	12.19	107	2642338	10.92	ppbv	98
56) 1,1,1,2-Tetrachloroethane	13.84	131	2268573	10.80	ppbv	99
57) Chlorobenzene	13.87	112	4244366	10.76	ppbv	97
58) Ethyl Benzene	14.46	91	6635075	11.56	ppbv	99
59) m/p-Xylene	14.77	91	10812631m	22.05	ppbv	
60) o-Xylene	15.54	91	5911584	11.02	ppbv	98
61) Styrene	15.36	104	2314163	12.75	ppbv	98
62) Isopropylbenzene	16.60	105	7178210	11.15	ppbv	98
63) 1,1,2,2-Tetrachloroethane	15.54	83	3878056	10.59	ppbv	100
64) n-propylbenzene	17.57	120	1901310	11.48	ppbv	98
65) tert-Butylbenzene	18.87	119	6766932	11.41	ppbv	97
66) Benzyl Chloride	19.16	91	2234696	11.61	ppbv	98
67) sec-Butylbenzene	19.47	105	8550897	11.07	ppbv	99
69) p-Isopropyltoluene	19.85	119	7207227	11.52	ppbv	98
70) n-Butylbenzene	20.81	91	6642027	11.13	ppbv	99
71) 2-Chlorotoluene	17.48	91	5124283	11.66	ppbv	98
72) 4-Ethyltoluene	17.88	105	5800596	11.74	ppbv	99
73) 1,3,5-Trimethylbenzene	18.04	105	5441402	11.31	ppbv	98
74) 1,2,4-Trimethylbenzene	18.89	105	6007251	10.98	ppbv	95
75) 1,3-Dichlorobenzene	19.18	146	3627979	10.94	ppbv	99
76) 1,4-Dichlorobenzene	19.33	146	3620097	11.16	ppbv	98
77) 1,2-Dichlorobenzene	20.08	146	3416153	10.84	ppbv	98
78) Hexachloro-1,3-Butadiene	24.72	225	1483504	9.91	ppbv	99
79) Naphthalene	23.97	128	2771578	10.54	ppbv	99
80) Naphthalene,2-methyl-	26.09	142	950554	8.90	ppbv	100
81) 1,2,4-Trichlorobenzene	23.78	180	1479008	10.41	ppbv	99

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

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