Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL010816\
Data File : VL026647.D
Acq On : 8 Jan 2016 15:13
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
apatel
1/11/2016 4:59:31 PM

Quant Time: Jan 08 22:21:30 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jan 0
QLast Update : Fri Jan 08 22:06:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.63	49	917540	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.31	114	2719316	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.72	117	3642464m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.27	95	2796800	9.52	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.63	85	2440530	10.00	ppbv	100
3) Chlorodifluoromethane	3.56	51	1159758	10.00	ppbv	100
4) Chloromethane	3.74	50	599001	10.00	ppbv	100
5) Vinyl Chloride	3.87	62	675752	10.00	ppbv	100
6) Bromomethane	4.13	94	505924	10.00	ppbv	100
7) Chloroethane	4.23	64	302329	10.00	ppbv	100
8) Dichlorotetrafluoroethane	3.79	85	1861865	10.00	ppbv	100
9) Propene	3.58	41	443344	10.00	ppbv	100
10) Heptane	9.34	43	1610153	10.00	ppbv	100
11) Trichlorofluoromethane	4.68	101	2427839	10.00	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	5.29	101	1484992	10.00	ppbv	100
13) Ethanol	4.31	45	93619	10.00	ppbv	100
14) Bromoethene	4.44	108	561022	10.00	ppbv	100
15) Acetone	4.59	43	1341558	10.00	ppbv	100
16) 1,3-Butadiene	3.96	39	600266	10.00	ppbv	100
17) tert-Butyl alcohol	5.10	59	1245974	10.00	ppbv	99
18) 1,1-Dichloroethene	5.07	96	639267	10.00	ppbv	100
19) Isopropyl Alcohol	4.73	45	733495	10.00	ppbv	100
20) Methylene Chloride	5.14	84	581917	10.00	ppbv	100
21) Allyl Chloride	5.21	41	925916	10.00	ppbv	100
22) trans-1,2-Dichloroethene	5.75	96	735546	10.00	ppbv	100
23) Vinyl Acetate	5.96	43	2423194	10.00	ppbv	100
24) 1,1-Dichloroethane	5.89	63	1625788	10.00	ppbv	100
25) Ethyl Acetate	6.65	43	2349073	10.00	ppbv	100
26) Hexane	6.64	57	1175201	10.00	ppbv	100
27) Carbon Disulfide	5.37	76	1866172	10.00	ppbv	99
28) Methyl tert-Butyl Ether	5.93	73	2420520	10.00	ppbv	100
29) Chloroform	6.73	83	2092157	10.00	ppbv	100
30) Cyclohexane	8.26	84	1199612	10.00	ppbv	100
31) cis-1,2-Dichloroethene	6.50	61	1248397	10.00	ppbv	100
32) 1,1,1-Trichloroethane	7.58	97	2258032	10.00	ppbv	100
34) 2-Butanone	6.18	43	1424844	10.00	ppbv	100
35) Carbon Tetrachloride	8.14	117	2240260	10.00	ppbv	100
36) Benzene	8.01	78	2745869	10.00	ppbv	100
37) 1,2-Dichloroethane	7.35	62	1871417	10.00	ppbv	100
38) Trichloroethene	9.04	130	1066765	10.00	ppbv	100
39) 1,2-Dichloropropane	8.81	63	949816	10.00	ppbv	100
40) 1,4-Dioxane	9.10	88	301186	10.00	ppbv	100
41) Tetrahydrofuran	7.10	42	755734	10.00	ppbv	100
42) Bromodichloromethane	9.01	83	2436794	10.00	ppbv	100
43) Methyl Methacrylate	9.24	69	1082504	10.00	ppbv	100

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL010816\
Data File : VL026647.D
Acq On : 8 Jan 2016 15:13
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
apatel
1/11/2016 4:59:31 PM

Quant Time: Jan 08 22:21:30 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jan 0
QLast Update : Fri Jan 08 22:06:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.07	57	4306519	10.00	ppbv	100
45) t-1,3-Dichloropropene	10.63	75	1863419	10.00	ppbv	100
46) cis-1,3-Dichloropropene	10.00	75	2017330	10.00	ppbv	100
47) 1,1,2-Trichloroethane	10.86	97	1321925	10.00	ppbv	100
48) Dibromochloromethane	11.78	129	2095386	10.00	ppbv	100
49) Bromoform	14.80	173	1751468	10.00	ppbv	100
50) 4-Methyl-2-Pentanone	10.07	43	2106920	10.00	ppbv	100
51) 2-Hexanone	11.59	43	2057028	10.00	ppbv	100
52) Tetrachloroethene	12.77	164	1201407	10.00	ppbv	100
53) Toluene	11.22	91	3916986	10.00	ppbv	100
54) 1,2-Dibromoethane	12.12	107	2083715	10.00	ppbv	100
56) 1,1,1,2-Tetrachloroethane	13.77	131	1531527	9.52	ppbv	100
57) Chlorobenzene	13.79	112	3238048	9.52	ppbv	100
58) Ethyl Benzene	14.39	91	6189581	9.52	ppbv	100
59) m/p-Xylene	14.70	91	9602433	19.05	ppbv	100
60) o-Xylene	15.47	91	4972456	9.52	ppbv	100
61) Styrene	15.29	104	2366606	9.52	ppbv	100
62) Isopropylbenzene	16.52	105	6924473	9.52	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.46	83	3185141	9.52	ppbv	100
64) n-propylbenzene	17.50	120	1835052	9.52	ppbv	98
65) tert-Butylbenzene	18.79	119	5765505	9.52	ppbv	100
66) Benzyl Chloride	19.08	91	2677167	9.52	ppbv	100
67) sec-Butylbenzene	19.39	105	8968229	9.52	ppbv	100
69) p-Isopropyltoluene	19.77	119	7056926	9.52	ppbv	100
70) n-Butylbenzene	20.74	91	7434518	9.52	ppbv	100
71) 2-Chlorotoluene	17.40	91	5634751	9.52	ppbv	100
72) 4-Ethyltoluene	17.80	105	6053110	9.52	ppbv	100
73) 1,3,5-Trimethylbenzene	17.97	105	5562502	9.52	ppbv	100
74) 1,2,4-Trimethylbenzene	18.82	105	5419317	9.52	ppbv	100
75) 1,3-Dichlorobenzene	19.10	146	3376513	9.52	ppbv	100
76) 1,4-Dichlorobenzene	19.25	146	3554027	9.52	ppbv	100
77) 1,2-Dichlorobenzene	20.00	146	3526427	9.52	ppbv	100
78) Hexachloro-1,3-Butadiene	24.66	225	1406603	9.52	ppbv	100
79) Naphthalene	23.91	128	4242887	9.52	ppbv	100
80) Naphthalene,2-methyl-	26.03	142	1084827	9.54	ppbv	100
81) 1,2,4-Trichlorobenzene	23.71	180	1831194	9.52	ppbv	100

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

Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL010816\
Data File : VL026647.D
Acq On : 8 Jan 2016 15:13
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 08 22:21:30 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL010816AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Jan
QLast Update : Fri Jan 08 22:06:23 2016
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
apatel
1/11/2016 4:59:31 PM