Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL010816\
Data File : VL026649.D
Acq On : 8 Jan 2016 16:44
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

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Quant Time: Jan 08 23:19:39 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	954667	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.30	114	2762255	10.00	ppbv		-0.01
55) Chlorobenzene-d5	13.71	117	3495127	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.26	95	2789647	9.90	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.63	85	227540	0.90	ppbv		99
3) Chlorodifluoromethane	3.56	51	130991	1.09	ppbv		97
4) Chloromethane	3.74	50	63391	1.02	ppbv		96
5) Vinyl Chloride	3.87	62	72001	1.02	ppbv		99
6) Bromomethane	4.12	94	54154	1.03	ppbv		92
7) Chloroethane	4.23	64	30688	0.98	ppbv		95
8) Dichlorotetrafluoroethane	3.79	85	208063	1.07	ppbv		100
9) Propene	3.58	41	46988	1.02	ppbv		99
10) Heptane	9.33	43	179348	1.07	ppbv		98
11) Trichlorofluoromethane	4.68	101	267301	1.06	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	5.29	101	163387	1.06	ppbv		100
13) Ethanol	4.34	45	6939m	0.71	ppbv		
14) Bromoethene	4.44	108	58397	1.00	ppbv		98
15) Acetone	4.59	43	169970	1.22	ppbv	#	80
16) 1,3-Butadiene	3.95	39	63913	1.02	ppbv		99
17) tert-Butyl alcohol	5.13	59	116820	0.90	ppbv		95
18) 1,1-Dichloroethene	5.07	96	66360	1.00	ppbv		96
19) Isopropyl Alcohol	4.76	45	56025	0.73	ppbv	#	1
20) Methylene Chloride	5.14	84	63774	1.05	ppbv		92
21) Allyl Chloride	5.21	41	95218	0.99	ppbv		99
22) trans-1,2-Dichloroethene	5.74	96	80308	1.05	ppbv		94
23) Vinyl Acetate	5.96	43	227478	0.90	ppbv		99
24) 1,1-Dichloroethane	5.89	63	176223	1.04	ppbv		96
25) Ethyl Acetate	6.66	43	244427	1.00	ppbv		98
26) Hexane	6.64	57	129950	1.06	ppbv		96
27) Carbon Disulfide	5.37	76	183636	0.95	ppbv		99
28) Methyl tert-Butyl Ether	5.95	73	253750	1.01	ppbv		99
29) Chloroform	6.72	83	229591	1.05	ppbv		95
30) Cyclohexane	8.26	84	128510	1.03	ppbv	#	74
31) cis-1,2-Dichloroethene	6.49	61	126833	0.98	ppbv		97
32) 1,1,1-Trichloroethane	7.57	97	234049	1.00	ppbv		100
34) 2-Butanone	6.18	43	148885	1.03	ppbv		97
35) Carbon Tetrachloride	8.13	117	229789	1.01	ppbv		96
36) Benzene	8.00	78	292757	1.05	ppbv		96
37) 1,2-Dichloroethane	7.35	62	193530	1.02	ppbv		99
38) Trichloroethene	9.04	130	125171	1.16	ppbv		98
39) 1,2-Dichloropropane	8.80	63	102518	1.06	ppbv		92
40) 1,4-Dioxane	9.14	88	15149m	0.50	ppbv		
41) Tetrahydrofuran	7.12	42	73264	0.95	ppbv		96
42) Bromodichloromethane	8.99	83	258174	1.04	ppbv		94
43) Methyl Methacrylate	9.24	69	101985	0.93	ppbv		97

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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	9.06	57	497782	1.14	ppbv		96
45) t-1,3-Dichloropropene	10.63	75	157053	0.83	ppbv		99
46) cis-1,3-Dichloropropene	9.99	75	187233	0.91	ppbv		91
47) 1,1,2-Trichloroethane	10.85	97	150266	1.12	ppbv		95
48) Dibromochloromethane	11.77	129	207010	0.97	ppbv		100
49) Bromoform	14.79	173	164779	0.93	ppbv		99
50) 4-Methyl-2-Pentanone	10.07	43	216171	1.01	ppbv		99
51) 2-Hexanone	11.60	43	185370	0.89	ppbv	#	97
52) Tetrachloroethene	12.77	164	142509	1.17	ppbv		88
53) Toluene	11.21	91	424294	1.07	ppbv		99
54) 1,2-Dibromoethane	12.11	107	231538	1.09	ppbv		100
56) 1,1,1,2-Tetrachloroethane	13.76	131	170290	1.10	ppbv	#	1
57) Chlorobenzene	13.78	112	401934	1.23	ppbv		96
58) Ethyl Benzene	14.38	91	675464	1.08	ppbv		98
59) m/p-Xylene	14.69	91	1151738m	2.38	ppbv		
60) o-Xylene	15.46	91	630131	1.26	ppbv		98
61) Styrene	15.28	104	216747	0.91	ppbv		98
62) Isopropylbenzene	16.51	105	805499	1.15	ppbv		99
63) 1,1,2,2-Tetrachloroethane	15.45	83	430167	1.34	ppbv		99
64) n-propylbenzene	17.49	120	218254	1.18	ppbv		95
65) tert-Butylbenzene	18.78	119	781971	1.35	ppbv		96
66) Benzyl Chloride	19.07	91	232765	0.86	ppbv		100
67) sec-Butylbenzene	19.38	105	1143613	1.27	ppbv		99
69) p-Isopropyltoluene	19.75	119	862113	1.21	ppbv		98
70) n-Butylbenzene	20.73	91	907395	1.21	ppbv		97
71) 2-Chlorotoluene	17.40	91	623191	1.10	ppbv		100
72) 4-Ethyltoluene	17.79	105	682198	1.12	ppbv		99
73) 1,3,5-Trimethylbenzene	17.96	105	645453	1.15	ppbv		99
74) 1,2,4-Trimethylbenzene	18.80	105	740833	1.36	ppbv		92
75) 1,3-Dichlorobenzene	19.09	146	438522	1.29	ppbv		99
76) 1,4-Dichlorobenzene	19.24	146	442366	1.24	ppbv		99
77) 1,2-Dichlorobenzene	19.99	146	435770	1.23	ppbv		99
78) Hexachloro-1,3-Butadiene	24.65	225	182068	1.28	ppbv		98
79) Naphthalene	23.91	128	453042	1.06	ppbv		98
80) Naphthalene,2-methyl-	26.02	142	47956	0.44	ppbv	#	89
81) 1,2,4-Trichlorobenzene	23.71	180	213571	1.16	ppbv		99

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

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