Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL122017\
Data File : VL031266.D
Acq On : 20 Dec 2017 11:51
Operator : SY/AP
Sample : VL1220ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1220ABS01

Manual Integrations APPROVED
MMDadoda
12/22/2017 4:54:42 PM

Quant Time: Dec 22 03:56:17 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 1
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.91	49	1674039	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.46	114	4109677	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.42	117	4376801m	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.76	95	3204230	10.29	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.18	85	1729643	12.23	ppbv		99
3) Chlorodifluoromethane	3.12	51	1794267	9.43	ppbv		97
4) Chloromethane	3.28	50	1023951	9.96	ppbv		100
5) Vinyl Chloride	3.40	62	971528	9.13	ppbv		99
6) Bromomethane	3.63	94	633008	10.04	ppbv		98
7) Chloroethane	3.72	64	376754	9.57	ppbv		97
8) Dichlorotetrafluoroethane	3.32	85	2147537	10.94	ppbv		98
9) Propene	3.14	41	885285	9.48	ppbv		98
10) Heptane	8.41	43	2436286	8.57	ppbv		99
11) Trichlorofluoromethane	4.13	101	2526167	10.87	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.69	101	1518789	9.33	ppbv		96
13) Ethanol	3.76	45	203932	7.57	ppbv		99
14) Bromoethene	3.91	108	712283	10.17	ppbv		98
15) Acetone	4.02	43	1997513	9.04	ppbv		100
16) 1,3-Butadiene	3.47	39	856305	9.01	ppbv		98
17) tert-Butyl alcohol	4.49	59	751290	6.06	ppbv		99
18) 1,1-Dichloroethene	4.49	96	708648	9.71	ppbv		91
19) Isopropyl Alcohol	4.15	45	1189161	8.51	ppbv	#	43
20) Methylene Chloride	4.54	84	647740	8.86	ppbv		95
21) Allyl Chloride	4.61	41	1122797	8.64	ppbv		94
22) trans-1,2-Dichloroethene	5.11	96	798498	8.90	ppbv		98
23) Vinyl Acetate	5.30	43	2948192	8.28	ppbv		98
24) 1,1-Dichloroethane	5.23	63	2309520	8.93	ppbv		100
25) Ethyl Acetate	5.92	43	3676314	8.15	ppbv		99
26) Hexane	5.93	57	1748011	8.17	ppbv		97
27) Carbon Disulfide	4.76	76	1849991	8.63	ppbv		99
28) Methyl tert-Butyl Ether	5.25	73	2163933	7.73	ppbv		98
29) Chloroform	6.00	83	2771255	9.59	ppbv		100
30) Cyclohexane	7.41	84	1470127	7.80	ppbv		98
31) cis-1,2-Dichloroethene	5.79	61	1706711	8.79	ppbv		99
32) 1,1,1-Trichloroethane	6.78	97	2667484	8.63	ppbv		98
34) 2-Butanone	5.47	43	2623323	9.04	ppbv		98
35) Carbon Tetrachloride	7.30	117	2805762	9.53	ppbv		97
36) Benzene	7.17	78	3670615	8.43	ppbv		98
37) 1,2-Dichloroethane	6.57	62	2293625	9.55	ppbv		97
38) Trichloroethene	8.13	130	1364414	8.03	ppbv		99
39) 1,2-Dichloropropane	7.90	63	1352796	8.78	ppbv		95
40) 1,4-Dioxane	8.12	88	580745	10.45	ppbv	#	91
41) Tetrahydrofuran	6.30	42	1356465	8.31	ppbv		98
42) Bromodichloromethane	8.09	83	2922205	10.32	ppbv		99
43) Methyl Methacrylate	8.30	69	1372375	9.41	ppbv		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.16	57	5821168	8.85	ppbv		99
45) t-1,3-Dichloropropene	9.59	75	1864806	9.35	ppbv		100
46) cis-1,3-Dichloropropene	9.01	75	2321455	9.25	ppbv		99
47) 1,1,2-Trichloroethane	9.79	97	1512080	9.47	ppbv		97
48) Dibromochloromethane	10.63	129	2423301	9.71	ppbv		100
49) Bromoform	13.38	173	1800052	9.78	ppbv		100
50) 4-Methyl-2-Pentanone	9.04	43	3268725	9.20	ppbv		98
51) 2-Hexanone	10.44	43	2994662	8.83	ppbv	#	96
52) Tetrachloroethene	11.55	164	1265028	7.87	ppbv		96
53) Toluene	10.12	91	4323364	9.15	ppbv		98
54) 1,2-Dibromoethane	10.94	107	2315946	9.57	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.46	131	1672018	8.56	ppbv		98
57) Chlorobenzene	12.48	112	3210062	7.87	ppbv		98
58) Ethyl Benzene	13.04	91	5709198	7.90	ppbv		99
59) m/p-Xylene	13.33	91	9101227m	15.73	ppbv		
60) o-Xylene	14.03	91	4616117	7.92	ppbv		98
61) Styrene	13.86	104	1251574	7.48	ppbv		97
62) Isopropylbenzene	15.00	105	5921617	7.74	ppbv		99
63) 1,1,2,2-Tetrachloroethane	14.01	83	3051487	7.81	ppbv		99
64) n-propylbenzene	15.90	120	1541199	7.59	ppbv		89
65) tert-Butylbenzene	17.09	119	5285087	7.80	ppbv		97
66) Benzyl Chloride	17.33	91	468046	6.41	ppbv		95
67) sec-Butylbenzene	17.64	105	7216705	7.75	ppbv		99
69) p-Isopropyltoluene	17.99	119	5947716	7.66	ppbv		98
70) n-Butylbenzene	18.89	91	6183519	8.26	ppbv		99
71) 2-Chlorotoluene	15.80	91	4592780	8.09	ppbv		98
72) 4-Ethyltoluene	16.18	105	5204455	8.15	ppbv		99
73) 1,3,5-Trimethylbenzene	16.33	105	4591955	8.08	ppbv		99
74) 1,2,4-Trimethylbenzene	17.10	105	4642065	7.76	ppbv	#	93
75) 1,3-Dichlorobenzene	17.35	146	2836410	7.48	ppbv		99
76) 1,4-Dichlorobenzene	17.48	146	2854868	7.45	ppbv		99
77) 1,2-Dichlorobenzene	18.17	146	2858743	7.72	ppbv		98
78) Hexachloro-1,3-Butadiene	23.71	225	1267314	14.89	ppbv		99
79) Naphthalene	22.62	128	3729817	7.71	ppbv		99
80) Naphthalene,2-methyl-	25.25	142	1130928	6.27	ppbv		98
81) 1,2,4-Trichlorobenzene	22.35	180	1728994	7.67	ppbv		100

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

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