Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102816\
Data File : BG024544.D
Acq On : 28 Oct 2016 18:21
Operator : UM/SJ
Sample : H5420-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HSR-WC-72-102616MS

Manual Integrations APPROVED
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11/1/2016 4:49:23 PM

Quant Time: Oct 29 00:14:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	109019	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	423930	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	322353	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	718877	20.00	ng		0.00
75) Chrysene-d12	21.93	240	969244	20.00	ng		0.00
86) Perylene-d12	25.36	264	988642	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.81	112	890848	133.93	ng		0.00
7) Phenol-d6	7.41	99	1195469	131.02	ng		0.00
23) Nitrobenzene-d5	9.45	82	943446	101.33	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	761062	158.03	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1831618	94.44	ng		0.00
78) Terphenyl-d14	20.21	244	3197274	98.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	107137	39.43	ng	#	84
3) Pyridine	4.09	79	266546	32.76	ng		89
4) n-Nitrosodimethylamine	4.00	42	189758	45.05	ng		96
6) Aniline	7.60	93	288171	24.93	ng		97
8) 2-Chlorophenol	7.83	128	331415	49.01	ng		95
9) Benzaldehyde	7.41	77	73380	13.01	ng		96
10) Phenol	7.44	94	427517	45.45	ng		97
11) bis(2-Chloroethyl)ether	7.68	93	338381	47.89	ng		87
12) 1,3-Dichlorobenzene	8.16	146	368816	44.05	ng		96
13) 1,4-Dichlorobenzene	8.31	146	367536	44.45	ng		98
14) 1,2-Dichlorobenzene	8.63	146	353034	44.40	ng		95
15) Benzyl Alcohol	8.50	79	394035	46.42	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	591461	45.12	ng		95
17) 2-Methylphenol	8.70	107	303342	48.67	ng		96
18) Hexachloroethane	9.36	117	141101	44.39	ng		93
19) n-Nitroso-di-n-propylamine	9.07	70	331887	49.36	ng		89
20) 3+4-Methylphenols	9.03	107	418646	50.03	ng		95
22) Acetophenone	9.10	105	534189	49.06	ng	#	96
24) Nitrobenzene	9.49	77	494176	47.71	ng		95
25) Isophorone	10.01	82	887747	51.26	ng		98
26) 2-Nitrophenol	10.20	139	190869	49.64	ng		95
27) 2,4-Dimethylphenol	10.24	122	355540	52.82	ng		94
28) bis(2-Chloroethoxy)methane	10.48	93	484509	54.07	ng		97
29) 2,4-Dichlorophenol	10.74	162	373488	52.87	ng		93
30) 1,2,4-Trichlorobenzene	10.95	180	396193	47.28	ng		97
31) Naphthalene	11.15	128	1024602	48.45	ng		99
32) Benzoic acid	10.35	122	225453	40.22	ng		94
33) 4-Chloroaniline	11.26	127	50370	5.49	ng	#	90
34) Hexachlorobutadiene	11.42	225	314607	47.97	ng		99
35) Caprolactam	12.02	113	107600m	41.60	ng		
36) 4-Chloro-3-methylphenol	12.35	107	442841	51.93	ng		99
37) 2-Methylnaphthalene	12.73	142	761578	49.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	508577	46.78	ng		99
40) Hexachlorocyclopentadiene	13.06	237	704898	115.13	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.33	196	341014	52.18	ng		98
43) 2,4,5-Trichlorophenol	13.40	196	356263	50.42	ng		94
45) 1,1'-Biphenyl	13.73	154	1061906	47.47	ng		96
46) 2-Chloronaphthalene	13.77	162	842218	49.44	ng		99
47) 2-Nitroaniline	13.97	65	353798	50.73	ng		99
48) Acenaphthylene	14.62	152	1260354	48.25	ng		96
49) Dimethylphthalate	14.33	163	1141340	49.87	ng		98
50) 2,6-Dinitrotoluene	14.46	165	257365	52.68	ng		93
51) Acenaphthene	14.95	154	844056	43.35	ng		100
52) 3-Nitroaniline	14.80	138	71320	14.11	ng	#	90
53) 2,4-Dinitrophenol	14.99	184	362059	102.27	ng		96
54) Dibenzofuran	15.28	168	1345060	49.96	ng		99
55) 4-Nitrophenol	15.08	139	409495	92.97	ng	#	90
56) 2,4-Dinitrotoluene	15.24	165	371029	52.26	ng	#	98
57) Fluorene	15.93	166	1097328	49.15	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	383537	52.36	ng		95
59) Diethylphthalate	15.68	149	1183461	49.33	ng		99
60) 4-Chlorophenyl-phenylether	15.91	204	628607	50.18	ng		97
61) 4-Nitroaniline	15.95	138	215649	39.05	ng		97
62) Azobenzene	16.21	77	1220947	51.02	ng		97
64) 4,6-Dinitro-2-methylphenol	16.00	198	253239	51.13	ng		96
65) n-Nitrosodiphenylamine	16.13	169	938644	47.76	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	448666	51.41	ng		97
67) Hexachlorobenzene	16.93	284	500076	51.86	ng		91
68) Atrazine	17.06	200	251277	29.81	ng		95
69) Pentachlorophenol	17.27	266	650146	102.18	ng		94
70) Phenanthrene	17.67	178	1838294	50.17	ng		97
71) Anthracene	17.76	178	1889847	51.12	ng		99
72) Carbazole	18.03	167	1535533	45.55	ng		98
73) Di-n-butylphthalate	18.56	149	1940632	49.92	ng		98
74) Fluoranthene	19.67	202	2331293	50.33	ng		97
77) Pyrene	20.03	202	2359522	49.80	ng		97
79) Butylbenzylphthalate	20.89	149	1013524	51.31	ng		99
80) Benzo(a)anthracene	21.90	228	2638819	49.56	ng		98
81) 3,3'-Dichlorobenzidine	21.82	252	160234	7.46	ng	#	93
82) Chrysene	21.98	228	2495828	49.22	ng		98
83) Bis(2-ethylhexyl)phthalate	21.77	149	1418566	50.20	ng		99
84) Di-n-octyl phthalate	23.04	149	2418166	51.57	ng		95
85) Indeno(1,2,3-cd)pyrene	29.31	276	3437647	49.11	ng	#	98
87) Benzo(b)fluoranthene	24.26	252	2791936	52.25	ng		98
88) Benzo(k)fluoranthene	24.33	252	2720690	52.72	ng		98
89) Benzo(a)pyrene	25.20	252	2688222	51.48	ng		98
90) Dibenzo(a,h)anthracene	29.38	278	2900328	50.60	ng		97
91) Benzo(g,h,i)perylene	30.55	276	2812142	49.11	ng		99

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

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