Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072916\
Data File : BG023323.D
Acq On : 29 Jul 2016 3:05
Operator : UM/SJ
Sample : PB92434BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB92434BS

Manual Integrations APPROVED
umangi
7/29/2016 6:22:24 PM

Quant Time: Jul 29 07:47:55 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	160929	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	728663	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	520293	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	1214060	20.00	ng		0.00
75) Chrysene-d12	21.89	240	1218921	20.00	ng		0.00
86) Perylene-d12	25.30	264	1244968	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	1191278	126.37	ng		0.00
7) Phenol-d6	7.29	99	1752514	121.09	ng		0.00
23) Nitrobenzene-d5	9.31	82	1135251	76.19	ng		0.00
41) 2,4,6-Tribromophenol	16.31	330	807817	150.01	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2337128	84.07	ng		0.00
78) Terphenyl-d14	20.18	244	3024479	80.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	119961	29.67	ng	#	89
3) Pyridine	3.93	79	393311	27.80	ng		96
4) n-Nitrosodimethylamine	3.85	42	175221	27.41	ng	#	71
6) Aniline	7.46	93	470091	24.32	ng		94
8) 2-Chlorophenol	7.70	128	445076	42.32	ng		96
9) Benzaldehyde	7.26	77	274401	26.40	ng		94
10) Phenol	7.32	94	650555	42.60	ng	#	79
11) bis(2-Chloroethyl)ether	7.54	93	440929	33.97	ng		90
12) 1,3-Dichlorobenzene	8.02	146	441255	37.23	ng		92
13) 1,4-Dichlorobenzene	8.17	146	450835	37.28	ng		96
14) 1,2-Dichlorobenzene	8.50	146	442209	37.91	ng		93
15) Benzyl Alcohol	8.38	79	445492	45.74	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.67	45	657662	31.84	ng		91
17) 2-Methylphenol	8.58	107	442416	42.39	ng	#	85
18) Hexachloroethane	9.23	117	172217	34.19	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	442793	34.02	ng		96
20) 3+4-Methylphenols	8.91	107	610373	43.01	ng		88
22) Acetophenone	8.97	105	624202	32.81	ng	#	89
24) Nitrobenzene	9.36	77	626343	36.20	ng	#	86
25) Isophorone	9.88	82	1150347	37.38	ng	#	92
26) 2-Nitrophenol	10.08	139	265773	40.67	ng	#	75
27) 2,4-Dimethylphenol	10.13	122	493861	44.83	ng		84
28) bis(2-Chloroethoxy)methane	10.36	93	692682	40.11	ng		99
29) 2,4-Dichlorophenol	10.62	162	503611	47.22	ng		98
30) 1,2,4-Trichlorobenzene	10.83	180	469860	39.87	ng		95
31) Naphthalene	11.02	128	1381277	40.80	ng		99
32) Benzoic acid	10.26	122	258095	32.02	ng	#	86
33) 4-Chloroaniline	11.14	127	106649	6.82	ng	#	92
34) Hexachlorobutadiene	11.30	225	294042	38.07	ng		96
35) Caprolactam	11.91	113	199600	44.01	ng		97
36) 4-Chloro-3-methylphenol	12.26	107	607798	43.38	ng		90
37) 2-Methylnaphthalene	12.63	142	1076843m	42.90	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	519956	30.87	ng		99
40) Hexachlorocyclopentadiene	12.97	237	702460	88.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.24	196	438012	44.27	ng		98
43) 2,4,5-Trichlorophenol	13.32	196	472466	45.02	ng	#	95
45) 1,1'-Biphenyl	13.64	154	1337015	36.85	ng		94
46) 2-Chloronaphthalene	13.68	162	1152363	39.63	ng		95
47) 2-Nitroaniline	13.89	65	483353	39.30	ng	#	87
48) Acenaphthylene	14.53	152	1828506	41.07	ng		96
49) Dimethylphthalate	14.25	163	1549893	40.37	ng		97
50) 2,6-Dinitrotoluene	14.38	165	366018	40.71	ng	#	80
51) Acenaphthene	14.87	154	1182942	40.96	ng		99
52) 3-Nitroaniline	14.72	138	208850	23.06	ng	#	73
53) 2,4-Dinitrophenol	14.93	184	454667	86.36	ng	#	84
54) Dibenzofuran	15.21	168	1839073	45.01	ng		96
55) 4-Nitrophenol	15.03	139	618546	78.74	ng	#	72
56) 2,4-Dinitrotoluene	15.17	165	538491	42.53	ng	#	84
57) Fluorene	15.86	166	1512940	41.93	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.44	232	437049	49.19	ng		92
59) Diethylphthalate	15.62	149	1587733	40.37	ng		97
60) 4-Chlorophenyl-phenylether	15.84	204	792807	40.59	ng		99
61) 4-Nitroaniline	15.89	138	402528	42.39	ng	#	61
62) Azobenzene	16.14	77	1737825	42.62	ng		90
64) 4,6-Dinitro-2-methylphenol	15.94	198	324567	41.62	ng		95
65) n-Nitrosodiphenylamine	16.07	169	1406506	43.39	ng		96
66) 4-Bromophenyl-phenylether	16.75	248	540426	44.02	ng		96
67) Hexachlorobenzene	16.87	284	561432	45.49	ng		97
68) Atrazine	17.02	200	518883	41.73	ng		95
69) Pentachlorophenol	17.22	266	659520	86.58	ng		98
70) Phenanthrene	17.62	178	2342694	44.12	ng		94
71) Anthracene	17.71	178	2401420	44.76	ng		96
72) Carbazole	17.98	167	2216786	45.11	ng		98
73) Di-n-butylphthalate	18.52	149	2439565	44.49	ng		98
74) Fluoranthene	19.63	202	2575954	42.51	ng		93
76) Benzidine	19.81	184	1375620	40.13	ng		98
77) Pyrene	19.99	202	2560836	37.02	ng		96
79) Butylbenzylphthalate	20.87	149	1240690	40.77	ng		97
80) Benzo(a)anthracene	21.87	228	2577931	40.40	ng		98
81) 3,3'-Dichlorobenzidine	21.78	252	728213	28.14	ng	#	94
82) Chrysene	21.94	228	2428482	39.39	ng		96
83) Bis(2-ethylhexyl)phthalate	21.75	149	1694951	39.80	ng		95
84) Di-n-octyl phthalate	23.03	149	2824214	40.55	ng		100
85) Indeno(1,2,3-cd)pyrene	29.21	276	3296083	45.83	ng	#	100
87) Benzo(b)fluoranthene	24.22	252	2796444	42.28	ng	#	95
88) Benzo(k)fluoranthene	24.29	252	2657716	40.20	ng	#	92
89) Benzo(a)pyrene	25.14	252	2734769	42.20	ng	#	96
90) Dibenzo(a,h)anthracene	29.27	278	2717003	44.32	ng	#	88
91) Benzo(g,h,i)perylene	30.42	276	2741961	42.48	ng	#	92

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

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