Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
Data File : BG024505.D
Acq On : 25 Oct 2016 20:09
Operator : UM/SJ
Sample : PB94296BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB94296BSD

Manual Integrations APPROVED
sohil
10/26/2016 4:51:13 PM

Quant Time: Oct 26 11:30:57 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	102883	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	407405	20.00	ng		0.00
38) Acenaphthene-d10	14.89	164	331068	20.00	ng		0.00
63) Phenanthrene-d10	17.63	188	776269	20.00	ng		0.00
75) Chrysene-d12	21.93	240	1073588	20.00	ng		0.00
86) Perylene-d12	25.36	264	1147983	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	530495	84.51	ng		0.00
7) Phenol-d6	7.40	99	736887	85.58	ng		0.00
23) Nitrobenzene-d5	9.45	82	778188	86.97	ng		0.00
41) 2,4,6-Tribromophenol	16.37	330	438769	88.71	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1639877	82.33	ng		0.00
78) Terphenyl-d14	20.21	244	3042008	84.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.67	88	91127	35.53	ng		98
3) Pyridine	4.07	79	285251	37.15	ng		88
4) n-Nitrosodimethylamine	3.99	42	164577	41.40	ng		94
6) Aniline	7.59	93	289719	26.56	ng		96
8) 2-Chlorophenol	7.83	128	287135	44.99	ng		96
9) Benzaldehyde	7.41	77	70156	13.18	ng		92
10) Phenol	7.43	94	413552	46.59	ng		97
11) bis(2-Chloroethyl)ether	7.68	93	289104	43.36	ng		91
12) 1,3-Dichlorobenzene	8.16	146	317573	40.19	ng		93
13) 1,4-Dichlorobenzene	8.31	146	338657	43.40	ng		98
14) 1,2-Dichlorobenzene	8.63	146	315206	42.01	ng		94
15) Benzyl Alcohol	8.50	79	349489	43.63	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	495459	40.05	ng		95
17) 2-Methylphenol	8.69	107	277390	47.16	ng		94
18) Hexachloroethane	9.36	117	128752	42.92	ng		88
19) n-Nitroso-di-n-propylamine	9.07	70	279749	44.08	ng		91
20) 3+4-Methylphenols	9.02	107	375249	47.52	ng		93
22) Acetophenone	9.09	105	472642	45.16	ng	#	93
24) Nitrobenzene	9.49	77	435199	43.72	ng		95
25) Isophorone	10.00	82	770513	46.29	ng		98
26) 2-Nitrophenol	10.20	139	164903	44.63	ng		98
27) 2,4-Dimethylphenol	10.24	122	316510	48.93	ng		89
28) bis(2-Chloroethoxy)methane	10.49	93	403728	46.88	ng		97
29) 2,4-Dichlorophenol	10.73	162	331356	48.81	ng		91
30) 1,2,4-Trichlorobenzene	10.96	180	347864	43.19	ng		95
31) Naphthalene	11.15	128	875817	43.10	ng		98
32) Benzoic acid	10.35	122	216140	40.12	ng		94
33) 4-Chloroaniline	11.25	127	180112	20.41	ng	#	92
34) Hexachlorobutadiene	11.42	225	259603	41.19	ng		95
35) Caprolactam	12.01	113	125368m	50.44	ng		
36) 4-Chloro-3-methylphenol	12.34	107	400750	48.90	ng		95
37) 2-Methylnaphthalene	12.74	142	658663	44.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	450037	40.30	ng		97
40) Hexachlorocyclopentadiene	13.07	237	644976	102.57	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.32	196	318274	47.42	ng		94
43) 2,4,5-Trichlorophenol	13.40	196	326910	45.05	ng		98
45) 1,1'-Biphenyl	13.72	154	931161	40.53	ng		97
46) 2-Chloronaphthalene	13.78	162	757002	43.27	ng		97
47) 2-Nitroaniline	13.97	65	327418	45.71	ng		95
48) Acenaphthylene	14.62	152	1143352	42.62	ng		98
49) Dimethylphthalate	14.33	163	1066904	45.39	ng		97
50) 2,6-Dinitrotoluene	14.46	165	241267	48.08	ng		92
51) Acenaphthene	14.95	154	758238	37.91	ng		100
52) 3-Nitroaniline	14.79	138	131122	25.25	ng		95
53) 2,4-Dinitrophenol	14.99	184	369433	101.60	ng		94
54) Dibenzofuran	15.29	168	1226216	44.35	ng		99
55) 4-Nitrophenol	15.08	139	428576	94.74	ng		91
56) 2,4-Dinitrotoluene	15.24	165	361444	49.57	ng	#	99
57) Fluorene	15.93	166	1027328	44.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.50	232	375117	49.86	ng		93
59) Diethylphthalate	15.68	149	1126300	45.71	ng		97
60) 4-Chlorophenyl-phenylether	15.92	204	571226	44.40	ng		95
61) 4-Nitroaniline	15.95	138	243678	42.96	ng		95
62) Azobenzene	16.20	77	1170066	47.61	ng		98
64) 4,6-Dinitro-2-methylphenol	16.00	198	255357	47.75	ng		93
65) n-Nitrosodiphenylamine	16.13	169	963444	45.40	ng		98
66) 4-Bromophenyl-phenylether	16.81	248	420993	44.67	ng		93
67) Hexachlorobenzene	16.93	284	466883	44.84	ng		92
68) Atrazine	17.06	200	450145	49.45	ng		98
69) Pentachlorophenol	17.27	266	658395	95.82	ng		99
70) Phenanthrene	17.67	178	1774095	44.84	ng		98
71) Anthracene	17.77	178	1812302	45.40	ng		99
72) Carbazole	18.03	167	1645820	45.21	ng		98
73) Di-n-butylphthalate	18.56	149	1934145	46.08	ng		99
74) Fluoranthene	19.66	202	2268106	45.35	ng		98
76) Benzidine	19.84	184	853856	33.76	ng		96
77) Pyrene	20.03	202	2311533	44.04	ng		97
79) Butylbenzylphthalate	20.89	149	990091	45.25	ng		99
80) Benzo(a)anthracene	21.90	228	2578035	43.71	ng		100
81) 3,3'-Dichlorobenzidine	21.81	252	588506	24.73	ng		98
82) Chrysene	21.98	228	2438875	43.42	ng		98
83) Bis(2-ethylhexyl)phthalate	21.77	149	1385598	44.27	ng		96
84) Di-n-octyl phthalate	23.05	149	2377481	45.77	ng		95
85) Indeno(1,2,3-cd)pyrene	29.31	276	3367940	43.44	ng		98
87) Benzo(b)fluoranthene	24.26	252	2698838	43.49	ng		99
88) Benzo(k)fluoranthene	24.34	252	2647358	44.18	ng		98
89) Benzo(a)pyrene	25.20	252	2685538	44.29	ng		98
90) Dibenzo(a,h)anthracene	29.38	278	2825560	42.46	ng		99
91) Benzo(g,h,i)perylene	30.55	276	2809482	42.26	ng		98

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

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