Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011117\
Data File : BG025473.D
Acq On : 11 Jan 2017 14:41
Operator : UM/SJ
Sample : PB95912BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB95912BS

Manual Integrations APPROVED
Sohil
1/12/2017 8:31:11 AM

Quant Time: Jan 11 15:49:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55117	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	224601	20.00	ng		0.00
38) Acenaphthene-d10	14.83	164	192187	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	438002	20.00	ng		0.00
75) Chrysene-d12	21.86	240	611876	20.00	ng		0.00
86) Perylene-d12	25.26	264	684392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	473071	156.01	ng		0.00
7) Phenol-d6	7.36	99	668772	156.60	ng		0.00
23) Nitrobenzene-d5	9.38	82	495196	97.40	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	435727	140.82	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	1083294	91.26	ng		0.00
78) Terphenyl-d14	20.15	244	2099285	90.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	43429	33.57	ng	#	86
3) Pyridine	3.99	79	140113	37.36	ng		95
4) n-Nitrosodimethylamine	3.91	42	101168	45.44	ng		100
6) Aniline	7.53	93	152784	26.40	ng	#	93
8) 2-Chlorophenol	7.76	128	154088	45.05	ng		98
9) Benzaldehyde	7.35	77	10730	3.43	ng	#	82
10) Phenol	7.39	94	228232	48.21	ng		95
11) bis(2-Chloroethyl)ether	7.61	93	157350	43.13	ng		88
12) 1,3-Dichlorobenzene	8.09	146	177708	42.93	ng		94
13) 1,4-Dichlorobenzene	8.23	146	175099	40.82	ng		97
14) 1,2-Dichlorobenzene	8.56	146	170291	41.60	ng		88
15) Benzyl Alcohol	8.45	79	183366	44.98	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.73	45	292516	43.30	ng		90
17) 2-Methylphenol	8.65	107	151673	48.79	ng		93
18) Hexachloroethane	9.28	117	68151	41.36	ng	#	80
19) n-Nitroso-di-n-propylamine	9.00	70	157521	43.67	ng		99
20) 3+4-Methylphenols	8.98	107	201164	46.75	ng		96
22) Acetophenone	9.04	105	265077	42.48	ng	#	95
24) Nitrobenzene	9.42	77	244259	43.80	ng		98
25) Isophorone	9.94	82	427330	46.42	ng		97
26) 2-Nitrophenol	10.14	139	98513	46.19	ng		95
27) 2,4-Dimethylphenol	10.19	122	171589	48.94	ng		90
28) bis(2-Chloroethoxy)methane	10.42	93	228134	47.72	ng	#	98
29) 2,4-Dichlorophenol	10.68	162	181149	48.28	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	195240	43.07	ng		94
31) Naphthalene	11.08	128	493269	43.98	ng		98
32) Benzoic acid	10.34	122	107025	37.95	ng		95
33) 4-Chloroaniline	11.21	127	51435	10.90	ng		91
34) Hexachlorobutadiene	11.33	225	155745	42.09	ng		93
35) Caprolactam	11.98	113	67667m	48.00	ng		
36) 4-Chloro-3-methylphenol	12.31	107	225606	48.71	ng		98
37) 2-Methylnaphthalene	12.67	142	383877	46.18	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	280293	44.17	ng	#	97
40) Hexachlorocyclopentadiene	12.99	237	245588	103.20	ng		94

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	170033	42.56	ng		96
43) 2,4,5-Trichlorophenol	13.36	196	182005	43.52	ng		99
45) 1,1'-Biphenyl	13.66	154	557678	43.14	ng		94
46) 2-Chloronaphthalene	13.71	162	438835	43.45	ng		98
47) 2-Nitroaniline	13.93	65	181530	42.58	ng		93
48) Acenaphthylene	14.55	152	659215	42.12	ng		98
49) Dimethylphthalate	14.27	163	605909	43.25	ng		97
50) 2,6-Dinitrotoluene	14.41	165	137886	45.05	ng		95
51) Acenaphthene	14.89	154	424550	41.47	ng		99
52) 3-Nitroaniline	14.75	138	61819	21.01	ng		81
53) 2,4-Dinitrophenol	14.97	184	154824	77.32	ng	#	85
54) Dibenzofuran	15.22	168	720665	44.53	ng		99
55) 4-Nitrophenol	15.07	139	197718	89.96	ng		95
56) 2,4-Dinitrotoluene	15.21	165	198408	44.52	ng	#	89
57) Fluorene	15.87	166	585115	43.18	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.45	232	200654	44.79	ng		93
59) Diethylphthalate	15.62	149	643131	43.77	ng		100
60) 4-Chlorophenyl-phenylether	15.85	204	330800	43.08	ng		96
61) 4-Nitroaniline	15.92	138	120617	40.74	ng	#	86
62) Azobenzene	16.15	77	667909	47.14	ng		97
64) 4,6-Dinitro-2-methylphenol	15.98	198	135672	44.73	ng		90
65) n-Nitrosodiphenylamine	16.07	169	550673	46.51	ng		98
66) 4-Bromophenyl-phenylether	16.75	248	249025	46.08	ng		96
67) Hexachlorobenzene	16.87	284	272301	43.91	ng	#	88
68) Atrazine	17.01	200	242740	46.80	ng		95
69) Pentachlorophenol	17.23	266	286561	89.14	ng		99
70) Phenanthrene	17.62	178	1006765	44.61	ng		94
71) Anthracene	17.71	178	1049789	45.77	ng		97
72) Carbazole	17.99	167	922698	44.98	ng		96
73) Di-n-butylphthalate	18.49	149	1125673	44.60	ng		96
74) Fluoranthene	19.61	202	1367971	45.88	ng		93
76) Benzidine	19.79	184	503904	33.01	ng		95
77) Pyrene	19.98	202	1392837	43.55	ng		96
79) Butylbenzylphthalate	20.82	149	582788	45.39	ng		97
80) Benzo(a)anthracene	21.84	228	1528291	44.78	ng		97
81) 3,3'-Dichlorobenzidine	21.75	252	351542	26.52	ng	#	99
82) Chrysene	21.92	228	1429611	43.68	ng		96
83) Bis(2-ethylhexyl)phthalate	21.69	149	815947	45.66	ng		98
84) Di-n-octyl phthalate	22.94	149	1410051	47.53	ng		97
85) Indeno(1,2,3-cd)pyrene	29.18	276	1995423	47.96	ng	#	78
87) Benzo(b)fluoranthene	24.17	252	1646374	44.09	ng		97
88) Benzo(k)fluoranthene	24.24	252	1556874	43.17	ng		97
89) Benzo(a)pyrene	25.10	252	1581111	43.84	ng		98
90) Dibenzo(a,h)anthracene	29.23	278	1690482	44.23	ng		96
91) Benzo(g,h,i)perylene	30.42	276	1645592	43.32	ng		98

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

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