Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032217\
Data File : BG026379.D
Acq On : 22 Mar 2017 17:21
Operator : SJ/MA
Sample : PB97738BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97738BS

Manual Integrations APPROVED
mohammad
3/23/2017 2:06:59 PM

Quant Time: Mar 23 01:30:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	135843	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	591225	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	341388	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	818372	20.00	ng		0.00
75) Chrysene-d12	21.63	240	892917	20.00	ng		0.00
86) Perylene-d12	24.81	264	897170	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	979875	128.03	ng		0.00
7) Phenol-d6	7.21	99	1311746	127.66	ng		0.00
23) Nitrobenzene-d5	9.20	82	700296	71.22	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	553114	141.48	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1921012	78.91	ng		0.00
78) Terphenyl-d14	19.98	244	2656560	72.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	87638	25.51	ng	#	72
3) Pyridine	3.90	79	260696	27.71	ng	#	60
4) n-Nitrosodimethylamine	3.81	42	82550	32.10	ng	#	1
6) Aniline	7.37	93	370396	26.98	ng	#	86
8) 2-Chlorophenol	7.61	128	347482	40.32	ng		82
9) Benzaldehyde	7.18	77	91618	13.21	ng	#	62
10) Phenol	7.23	94	438277	39.97	ng	#	70
11) bis(2-Chloroethyl)ether	7.46	93	310561	34.54	ng	#	81
12) 1,3-Dichlorobenzene	7.93	146	370396	36.10	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	377167	36.34	ng	#	93
14) 1,2-Dichlorobenzene	8.40	146	361231	36.37	ng	#	89
15) Benzyl Alcohol	8.28	79	262751	39.00	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	309469	30.99	ng		82
17) 2-Methylphenol	8.48	107	309171	39.70	ng	#	82
18) Hexachloroethane	9.13	117	121350	35.76	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	236516	35.81	ng	#	71
20) 3+4-Methylphenols	8.81	107	426739	39.80	ng		85
22) Acetophenone	8.86	105	493605	36.31	ng	#	73
24) Nitrobenzene	9.24	77	342321	35.26	ng	#	73
25) Isophorone	9.77	82	677689	36.57	ng	#	89
26) 2-Nitrophenol	9.95	139	201590	39.91	ng	#	62
27) 2,4-Dimethylphenol	10.01	122	344644	41.56	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	438322	36.41	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	360718	43.01	ng		92
30) 1,2,4-Trichlorobenzene	10.71	180	360796	38.30	ng		97
31) Naphthalene	10.89	128	1083599	36.25	ng		100
32) Benzoic acid	10.15	122	245917	38.54	ng	#	72
33) 4-Chloroaniline	11.00	127	217464	17.89	ng	#	81
34) Hexachlorobutadiene	11.18	225	206878	37.22	ng		96
35) Caprolactam	11.76	113	134601m	40.74	ng		
36) 4-Chloro-3-methylphenol	12.12	107	369715	41.21	ng	#	76
37) 2-Methylnaphthalene	12.49	142	842684	38.49	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	394979	38.45	ng		98
40) Hexachlorocyclopentadiene	12.84	237	470255	86.98	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	294129	43.73	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	307426	41.36	ng	#	91
45) 1,1'-Biphenyl	13.49	154	1085669	38.40	ng		97
46) 2-Chloronaphthalene	13.53	162	816937	39.56	ng		95
47) 2-Nitroaniline	13.73	65	213988	36.44	ng	#	60
48) Acenaphthylene	14.38	152	1342632	37.30	ng		99
49) Dimethylphthalate	14.10	163	1058139	41.06	ng		98
50) 2,6-Dinitrotoluene	14.22	165	250148	41.59	ng	#	59
51) Acenaphthene	14.71	154	844341	38.09	ng		99
52) 3-Nitroaniline	14.55	138	160839	24.29	ng	#	66
53) 2,4-Dinitrophenol	14.76	184	292269	83.78	ng	#	75
54) Dibenzofuran	15.05	168	1297034	41.56	ng	#	90
55) 4-Nitrophenol	14.86	139	451597	83.28	ng	#	39
56) 2,4-Dinitrotoluene	15.01	165	356151	42.11	ng	#	69
57) Fluorene	15.69	166	1076898	38.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	298233	46.00	ng	#	95
59) Diethylphthalate	15.46	149	1061763	40.31	ng		99
60) 4-Chlorophenyl-phenylether	15.68	204	529973	40.27	ng		88
61) 4-Nitroaniline	15.71	138	275036	39.26	ng	#	49
62) Azobenzene	15.98	77	866707	40.47	ng		77
64) 4,6-Dinitro-2-methylphenol	15.77	198	219766	42.59	ng		83
65) n-Nitrosodiphenylamine	15.89	169	958971	39.93	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	351529	41.73	ng		95
67) Hexachlorobenzene	16.70	284	373047	41.52	ng		90
68) Atrazine	16.83	200	345718	38.02	ng		96
69) Pentachlorophenol	17.04	266	466305	79.82	ng		97
70) Phenanthrene	17.43	178	1694339	38.55	ng		96
71) Anthracene	17.52	178	1749792	39.03	ng		99
72) Carbazole	17.78	167	1656451	35.88	ng	#	96
73) Di-n-butylphthalate	18.33	149	1873122	39.49	ng	#	94
74) Fluoranthene	19.42	202	1984142	38.39	ng		96
76) Benzidine	19.60	184	763965	24.82	ng		98
77) Pyrene	19.79	202	2019998	39.07	ng		99
79) Butylbenzylphthalate	20.66	149	862042	41.67	ng		85
80) Benzo(a)anthracene	21.61	228	1961539	39.04	ng		98
81) 3,3'-Dichlorobenzidine	21.52	252	501725	24.39	ng		99
82) Chrysene	21.68	228	1798940	37.47	ng		100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1239131	39.66	ng		98
84) Di-n-octyl phthalate	22.70	149	2139745	40.13	ng	#	80
85) Indeno(1,2,3-cd)pyrene	28.44	276	2437804	41.13	ng	#	88
87) Benzo(b)fluoranthene	23.80	252	2025080	38.29	ng	#	96
88) Benzo(k)fluoranthene	23.87	252	2028435	39.55	ng	#	94
89) Benzo(a)pyrene	24.66	252	2001591	39.46	ng	#	95
90) Dibenzo(a,h)anthracene	28.49	278	2034563	39.69	ng	#	94
91) Benzo(g,h,i)perylene	29.57	276	2017527	39.06	ng	#	87

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

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