Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026340.D
Acq On : 20 Mar 2017 23:41
Operator : SJ/MA
Sample : PB97592BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97592BSD

Manual Integrations APPROVED
mohammad
3/21/2017 5:22:24 PM

Quant Time: Mar 21 05:21:35 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	8.05	152	116531	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	506170	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	305943	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	734649	20.00	ng		0.00
75) Chrysene-d12	21.64	240	807255	20.00	ng		0.00
86) Perylene-d12	24.82	264	802486	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1041141	158.58	ng		0.00
7) Phenol-d6	7.21	99	1388168	157.49	ng		0.00
23) Nitrobenzene-d5	9.20	82	755700	89.77	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	560520	159.99	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1992993	91.35	ng		0.00
78) Terphenyl-d14	19.99	244	2760028	83.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	102878	34.91	ng	#	72
3) Pyridine	3.90	79	299270	37.08	ng	#	63
4) n-Nitrosodimethylamine	3.81	42	97174	44.05	ng	#	1
6) Aniline	7.37	93	360049	30.58	ng	#	87
8) 2-Chlorophenol	7.61	128	388162	52.50	ng		84
9) Benzaldehyde	7.18	77	171246	28.78	ng	#	64
10) Phenol	7.24	94	496677	52.80	ng	#	71
11) bis(2-Chloroethyl)ether	7.46	93	356623	46.23	ng	#	83
12) 1,3-Dichlorobenzene	7.93	146	408090	46.37	ng	#	87
13) 1,4-Dichlorobenzene	8.08	146	419068m	47.07	ng		
14) 1,2-Dichlorobenzene	8.40	146	397200	46.62	ng	#	89
15) Benzyl Alcohol	8.28	79	310908	53.80	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.58	45	360322	42.07	ng		80
17) 2-Methylphenol	8.49	107	340687	51.00	ng	#	81
18) Hexachloroethane	9.13	117	137312	47.17	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	267961	47.29	ng	#	70
20) 3+4-Methylphenols	8.81	107	477141	51.88	ng		83
22) Acetophenone	8.86	105	553564	47.56	ng	#	74
24) Nitrobenzene	9.25	77	386564	46.51	ng	#	73
25) Isophorone	9.77	82	756474	47.68	ng	#	89
26) 2-Nitrophenol	9.96	139	228418	52.81	ng	#	62
27) 2,4-Dimethylphenol	10.01	122	383849	54.07	ng		86
28) bis(2-Chloroethoxy)methane	10.24	93	489137	47.46	ng		97
29) 2,4-Dichlorophenol	10.50	162	394354	54.93	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	396338	49.14	ng		98
31) Naphthalene	10.90	128	1196564	46.75	ng		99
32) Benzoic acid	10.16	122	291758	53.41	ng	#	73
33) 4-Chloroaniline	11.00	127	131494	12.63	ng	#	82
34) Hexachlorobutadiene	11.18	225	221216	46.49	ng		98
35) Caprolactam	11.77	113	155135m	54.84	ng		
36) 4-Chloro-3-methylphenol	12.12	107	413635	53.86	ng	#	75
37) 2-Methylnaphthalene	12.49	142	914654	48.79	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	426202	46.30	ng		97
40) Hexachlorocyclopentadiene	12.84	237	512662	105.81	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	323080	53.60	ng		97
43) 2,4,5-Trichlorophenol	13.17	196	334481	50.21	ng	#	93
45) 1,1'-Biphenyl	13.49	154	1181556	46.63	ng		98
46) 2-Chloronaphthalene	13.54	162	881294	47.62	ng		96
47) 2-Nitroaniline	13.73	65	253448	48.16	ng	#	58
48) Acenaphthylene	14.38	152	1487895	46.12	ng		99
49) Dimethylphthalate	14.10	163	1157046	50.11	ng		98
50) 2,6-Dinitrotoluene	14.23	165	280909	52.12	ng	#	57
51) Acenaphthene	14.72	154	933300	46.98	ng		99
52) 3-Nitroaniline	14.55	138	135219	22.79	ng	#	65
53) 2,4-Dinitrophenol	14.76	184	344255	110.11	ng	#	77
54) Dibenzofuran	15.05	168	1430548	51.15	ng	#	90
55) 4-Nitrophenol	14.86	139	521825	107.38	ng	#	41
56) 2,4-Dinitrotoluene	15.01	165	399677	52.73	ng	#	70
57) Fluorene	15.70	166	1182363	47.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	329310	56.68	ng	#	98
59) Diethylphthalate	15.46	149	1186860	50.28	ng		100
60) 4-Chlorophenyl-phenylether	15.68	204	567949	48.15	ng		91
61) 4-Nitroaniline	15.71	138	302489	48.19	ng	#	51
62) Azobenzene	15.98	77	1004882	52.36	ng		78
64) 4,6-Dinitro-2-methylphenol	15.77	198	242243	52.30	ng		85
65) n-Nitrosodiphenylamine	15.90	169	1058264	49.08	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	382302	50.56	ng		95
67) Hexachlorobenzene	16.70	284	399340	49.51	ng		94
68) Atrazine	16.84	200	392968	48.14	ng		96
69) Pentachlorophenol	17.04	266	521943	99.53	ng		97
70) Phenanthrene	17.43	178	1873068	47.48	ng		99
71) Anthracene	17.52	178	1941103	48.23	ng		100
72) Carbazole	17.78	167	1847626	44.58	ng		96
73) Di-n-butylphthalate	18.33	149	2101622	49.36	ng	#	94
74) Fluoranthene	19.43	202	2210714	47.65	ng		96
76) Benzidine	19.60	184	635856	22.85	ng		99
77) Pyrene	19.79	202	2250296	48.14	ng		100
79) Butylbenzylphthalate	20.67	149	953782	51.00	ng	#	84
80) Benzo(a)anthracene	21.61	228	2171582	47.80	ng		100
81) 3,3'-Dichlorobenzidine	21.52	252	451561	24.28	ng	#	99
82) Chrysene	21.68	228	1986484	45.77	ng		100
83) Bis(2-ethylhexyl)phthalate	21.51	149	1398891	49.52	ng		97
84) Di-n-octyl phthalate	22.71	149	2422503	50.25	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.45	276	2743968	51.21	ng	#	87
87) Benzo(b)fluoranthene	23.81	252	2275467	48.10	ng	#	96
88) Benzo(k)fluoranthene	23.88	252	2241089	48.85	ng	#	94
89) Benzo(a)pyrene	24.67	252	2224264	49.02	ng	#	94
90) Dibenzo(a,h)anthracene	28.50	278	2249831	49.06	ng	#	91
91) Benzo(g,h,i)perylene	29.59	276	2263547	48.99	ng	#	87

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

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