Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040517\
Data File : BG026559.D
Acq On : 5 Apr 2017 15:33
Operator : SJ/MA
Sample : PB98073BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB98073BS

Manual Integrations APPROVED
mohammad
4/6/2017 3:42:18 PM

Quant Time: Apr 06 01:14:00 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	173990	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	710804	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	418326	20.00	ng		-0.01
63) Phenanthrene-d10	17.38	188	1001754	20.00	ng		-0.01
75) Chrysene-d12	21.63	240	1125000	20.00	ng		-0.01
86) Perylene-d12	24.80	264	1114661	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1387552	141.55	ng		0.00
7) Phenol-d6	7.21	99	1746467	132.71	ng		0.00
23) Nitrobenzene-d5	9.20	82	940798	79.58	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	776886	162.17	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	2554839	85.65	ng		0.00
78) Terphenyl-d14	19.98	244	3451676	74.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	140273	31.88	ng	#	68
3) Pyridine	3.89	79	397196	32.96	ng	#	60
4) n-Nitrosodimethylamine	3.81	42	126072	38.28	ng	#	1
6) Aniline	7.37	93	512674	29.16	ng	#	85
8) 2-Chlorophenol	7.61	128	519712	47.08	ng	#	79
9) Benzaldehyde	7.18	77	329069	37.04	ng	#	65
10) Phenol	7.23	94	631690	44.98	ng	#	70
11) bis(2-Chloroethyl)ether	7.46	93	458171	39.78	ng	#	80
12) 1,3-Dichlorobenzene	7.93	146	565710	43.05	ng	#	85
13) 1,4-Dichlorobenzene	8.08	146	577439m	43.44	ng		
14) 1,2-Dichlorobenzene	8.40	146	554780	43.61	ng	#	89
15) Benzyl Alcohol	8.28	79	375434	43.51	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.57	45	437138	34.18	ng		78
17) 2-Methylphenol	8.48	107	440406	44.16	ng	#	80
18) Hexachloroethane	9.12	117	181399	41.73	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	322167	38.08	ng	#	69
20) 3+4-Methylphenols	8.81	107	601630	43.81	ng		86
22) Acetophenone	8.86	105	706480	43.22	ng	#	73
24) Nitrobenzene	9.24	77	474747	40.67	ng	#	69
25) Isophorone	9.76	82	914144	41.03	ng	#	88
26) 2-Nitrophenol	9.95	139	300633	49.50	ng	#	62
27) 2,4-Dimethylphenol	10.01	122	492831	49.44	ng		85
28) bis(2-Chloroethoxy)methane	10.24	93	609144	42.08	ng	#	98
29) 2,4-Dichlorophenol	10.49	162	523097	51.88	ng		93
30) 1,2,4-Trichlorobenzene	10.70	180	545535	48.17	ng		99
31) Naphthalene	10.89	128	1545170	42.99	ng		100
32) Benzoic acid	10.15	122	328138	42.78	ng	#	70
33) 4-Chloroaniline	11.00	127	253495	17.34	ng	#	80
34) Hexachlorobutadiene	11.18	225	316103	47.31	ng		96
35) Caprolactam	11.76	113	179782m	45.26	ng		
36) 4-Chloro-3-methylphenol	12.11	107	505278	46.85	ng	#	74
37) 2-Methylnaphthalene	12.48	142	1193056	45.32	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	573165	45.54	ng		98
40) Hexachlorocyclopentadiene	12.84	237	656272	99.06	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	416614	50.55	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	444705	48.82	ng	#	92
45) 1,1'-Biphenyl	13.48	154	1512538	43.66	ng		97
46) 2-Chloronaphthalene	13.53	162	1144048	45.21	ng		97
47) 2-Nitroaniline	13.73	65	289782	40.27	ng	#	46
48) Acenaphthylene	14.37	152	1862612	42.23	ng		99
49) Dimethylphthalate	14.10	163	1462344	46.31	ng		98
50) 2,6-Dinitrotoluene	14.22	165	351649	47.72	ng	#	57
51) Acenaphthene	14.71	154	1181099	43.48	ng		98
52) 3-Nitroaniline	14.55	138	208521	25.70	ng	#	65
53) 2,4-Dinitrophenol	14.76	184	355247	83.10	ng	#	72
54) Dibenzofuran	15.05	168	1804694	47.19	ng	#	89
55) 4-Nitrophenol	14.86	139	616972	92.85	ng	#	38
56) 2,4-Dinitrotoluene	15.01	165	500901	48.33	ng	#	66
57) Fluorene	15.69	166	1492143	43.84	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	425909	53.61	ng	#	95
59) Diethylphthalate	15.45	149	1443939	44.74	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	747507	46.35	ng		89
61) 4-Nitroaniline	15.71	138	392597	45.74	ng	#	48
62) Azobenzene	15.97	77	1155295	44.03	ng		77
64) 4,6-Dinitro-2-methylphenol	15.77	198	309208	48.96	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1334835	45.40	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	509689	49.43	ng		94
67) Hexachlorobenzene	16.70	284	539933	49.09	ng	#	88
68) Atrazine	16.83	200	491581	44.17	ng		97
69) Pentachlorophenol	17.04	266	666384	93.19	ng		98
70) Phenanthrene	17.42	178	2318200	43.09	ng		99
71) Anthracene	17.51	178	2403288	43.79	ng		97
72) Carbazole	17.78	167	2282416	40.39	ng		97
73) Di-n-butylphthalate	18.33	149	2486991	42.84	ng	#	94
74) Fluoranthene	19.42	202	2728905	43.14	ng		98
76) Benzidine	19.59	184	1158146	29.86	ng		99
77) Pyrene	19.78	202	2771274	42.54	ng		98
79) Butylbenzylphthalate	20.66	149	1178402	45.21	ng	#	83
80) Benzo(a)anthracene	21.60	228	2733261	43.17	ng		99
81) 3,3'-Dichlorobenzidine	21.52	252	678503	26.18	ng	#	98
82) Chrysene	21.67	228	2526020	41.76	ng		99
83) Bis(2-ethylhexyl)phthalate	21.50	149	1678444	42.64	ng		96
84) Di-n-octyl phthalate	22.69	149	2843742	42.33	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.43	276	3531018	47.28	ng	#	88
87) Benzo(b)fluoranthene	23.79	252	2966739	45.15	ng	#	96
88) Benzo(k)fluoranthene	23.87	252	2829174	44.40	ng	#	95
89) Benzo(a)pyrene	24.66	252	2846504	45.17	ng	#	96
90) Dibenzo(a,h)anthracene	28.49	278	2965802	46.56	ng	#	94
91) Benzo(g,h,i)perylene	29.56	276	2919531	45.49	ng	#	88

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

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