Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
Data File : BG034032.D
Acq On : 27 Apr 2018 4:23
Operator : SJ/JU
Sample : PB108616BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108616BSD

Manual Integrations APPROVED
Sohil
4/27/2018 7:31:13 PM

Quant Time: Apr 27 07:29:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	56566	20.00	ng		-0.02
21) Naphthalene-d8	10.60	136	286778	20.00	ng		-0.03
38) Acenaphthene-d10	14.45	164	223548	20.00	ng		-0.03
63) Phenanthrene-d10	17.20	188	605089	20.00	ng		-0.02
75) Chrysene-d12	21.45	240	616659	20.00	ng		-0.04
86) Perylene-d12	24.50	264	627944	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	301223	85.02	ng		-0.01
7) Phenol-d6	7.00	99	453375	87.73	ng		0.00
23) Nitrobenzene-d5	8.97	82	402267	79.83	ng		-0.02
41) 2,4,6-Tribromophenol	15.94	330	269947	103.51	ng		-0.03
44) 2-Fluorobiphenyl	13.07	172	1302557	85.60	ng		-0.03
78) Terphenyl-d14	19.83	244	2371629	86.40	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	51704	34.535	ng	#	83
3) Pyridine	3.79	79	97440	22.495	ng	#	81
4) n-Nitrosodimethylamine	3.71	42	55194	27.968	ng	#	93
6) Aniline	7.16	93	61175	8.856	ng	#	94
8) 2-Chlorophenol	7.39	128	174987	44.077	ng		91
9) Benzaldehyde	6.98	77	64546m	20.442	ng		
10) Phenol	7.03	94	200698	37.910	ng		95
11) bis(2-Chloroethyl)ether	7.25	93	163540m	40.390	ng		
12) 1,3-Dichlorobenzene	7.71	146	185817	40.659	ng		96
13) 1,4-Dichlorobenzene	7.85	146	180660	39.029	ng		94
14) 1,2-Dichlorobenzene	8.16	146	189636	42.128	ng		93
15) Benzyl Alcohol	8.07	79	134840	29.923	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.34	45	273718	34.660	ng		79
17) 2-Methylphenol	8.27	107	132385	33.745	ng		96
18) Hexachloroethane	8.88	117	73416	43.404	ng		97
19) n-Nitroso-di-n-propylamine	8.61	70	150966	34.271	ng	#	93
20) 3+4-Methylphenols	8.60	107	178021	31.229	ng		94
22) Acetophenone	8.64	105	261203	33.465	ng		96
24) Nitrobenzene	9.01	77	197490	35.965	ng		95
25) Isophorone	9.52	82	431047	38.046	ng	#	95
26) 2-Nitrophenol	9.72	139	88739	40.899	ng		89
27) 2,4-Dimethylphenol	9.79	122	162972	40.157	ng		93
28) bis(2-Chloroethoxy)methane	10.02	93	237406	39.649	ng		99
29) 2,4-Dichlorophenol	10.26	162	203298	44.937	ng		91
30) 1,2,4-Trichlorobenzene	10.46	180	218468	43.115	ng		99
31) Naphthalene	10.65	128	615210	41.717	ng		99
32) Benzoic acid	9.94	122	109173m	29.216	ng		
33) 4-Chloroaniline	10.81	127	29374m	4.238	ng		
34) Hexachlorobutadiene	10.93	225	131319	43.322	ng		97
35) Caprolactam	11.54	113	77540m	40.313	ng		
36) 4-Chloro-3-methylphenol	11.90	107	223608	40.496	ng	#	87
37) 2-Methylnaphthalene	12.26	142	474846	42.056	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	293428	39.529	ng		97
40) Hexachlorocyclopentadiene	12.61	237	346329	84.852	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	180521	39.886	ng		98
43) 2,4,5-Trichlorophenol	12.96	196	238317m	45.802	ng		
45) 1,1'-Biphenyl	13.28	154	674116	37.252	ng		97
46) 2-Chloronaphthalene	13.32	162	519524	37.863	ng		98
47) 2-Nitroaniline	13.54	65	152378	35.567	ng	#	81
48) Acenaphthylene	14.17	152	871993	38.232	ng		98
49) Dimethylphthalate	13.91	163	777895	39.559	ng		99
50) 2,6-Dinitrotoluene	14.03	165	171267	45.958	ng	#	83
51) Acenaphthene	14.51	154	515991	36.013	ng		98
52) 3-Nitroaniline	14.39	138	29043	7.177	ng	#	85
53) 2,4-Dinitrophenol	14.57	184	82696	62.050	ng	#	64
54) Dibenzofuran	14.85	168	883347	41.585	ng		96
55) 4-Nitrophenol	14.71	139	182721	57.575	ng	#	83
56) 2,4-Dinitrotoluene	14.82	165	247295	49.903	ng	#	75
57) Fluorene	15.50	166	771317	41.961	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.08	232	254766	53.476	ng	#	90
59) Diethylphthalate	15.28	149	833843	40.117	ng		98
60) 4-Chlorophenyl-phenylether	15.50	204	419224	43.603	ng		94
61) 4-Nitroaniline	15.56	138	166981m	38.865	ng		
62) Azobenzene	15.79	77	670748	36.201	ng		95
64) 4,6-Dinitro-2-methylphenol	15.58	198	90903	33.470	ng		89
65) n-Nitrosodiphenylamine	15.72	169	690126	39.230	ng		98
66) 4-Bromophenyl-phenylether	16.39	248	273196	41.112	ng		96
67) Hexachlorobenzene	16.50	284	290095	40.935	ng	#	72
68) Atrazine	16.67	200	294497	42.732	ng		98
69) Pentachlorophenol	16.85	266	320191	65.777	ng	#	57
70) Phenanthrene	17.24	178	1256455	38.707	ng		98
71) Anthracene	17.33	178	1344899	41.430	ng		98
72) Carbazole	17.61	167	1218121	38.896	ng		99
73) Di-n-butylphthalate	18.17	149	1429068	36.680	ng		98
74) Fluoranthene	19.26	202	1591724	40.537	ng		96
76) Benzidine	19.47	184	244875	14.705	ng		99
77) Pyrene	19.62	202	1581526	39.102	ng		95
79) Butylbenzylphthalate	20.53	149	667245	37.566	ng		89
80) Benzo(a)anthracene	21.43	228	1532758	39.417	ng		97
81) 3,3'-Dichlorobenzidine	21.37	252	265305	18.298	ng		97
82) Chrysene	21.50	228	1498123	40.345	ng		96
83) Bis(2-ethylhexyl)phthalate	21.36	149	922728	36.784	ng		99
84) Di-n-octyl phthalate	22.52	149	1569545	39.420	ng		96
85) Indeno(1,2,3-cd)pyrene	27.94	276	1810033	42.823	ng	#	93
87) Benzo(b)fluoranthene	23.54	252	1522820	39.752	ng		98
88) Benzo(k)fluoranthene	23.60	252	1616191	42.473	ng		97
89) Benzo(a)pyrene	24.36	252	1550476	42.261	ng		99
90) Dibenzo(a,h)anthracene	28.01	278	1503095	42.341	ng		97
91) Benzo(g,h,i)perylene	29.02	276	1497293	42.863	ng		97

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

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