Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033930.D
Acq On : 23 Apr 2018 21:00
Operator : SJ/JU
Sample : PB108464BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108464BSD

Manual Integrations APPROVED
Sohil
4/24/2018 4:37:34 PM

Quant Time: Apr 24 04:12:39 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	7.83	152	62561	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	293604	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	202861	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	515172	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	529526	20.00	ng		-0.02
86) Perylene-d12	24.53	264	550002	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	410856	104.85	ng		0.00
7) Phenol-d6	7.00	99	563073	98.52	ng		0.00
23) Nitrobenzene-d5	8.98	82	504881	97.86	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	256862	108.53	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1258367	91.13	ng		-0.02
78) Terphenyl-d14	19.85	244	2132663	90.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	61895	37.381	ng		90
3) Pyridine	3.79	79	177791	37.111	ng		97
4) n-Nitrosodimethylamine	3.71	42	98615	45.182	ng	#	90
6) Aniline	7.16	93	195793	25.627	ng		97
8) 2-Chlorophenol	7.40	128	214030	48.746	ng		99
9) Benzaldehyde	6.97	77	113285	36.805	ng		98
10) Phenol	7.03	94	286090	48.862	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	195669	43.694	ng		94
12) 1,3-Dichlorobenzene	7.72	146	212956	42.132	ng		95
13) 1,4-Dichlorobenzene	7.86	146	219196	42.817	ng		95
14) 1,2-Dichlorobenzene	8.18	146	208228	41.825	ng		94
15) Benzyl Alcohol	8.07	79	227752	45.698	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	344787	39.476	ng		96
17) 2-Methylphenol	8.27	107	198045	45.644	ng		96
18) Hexachloroethane	8.91	117	78526	41.976	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	185538	38.083	ng	#	93
20) 3+4-Methylphenols	8.59	107	274014	43.463	ng		95
22) Acetophenone	8.64	105	321529	40.236	ng	#	96
24) Nitrobenzene	9.02	77	255565	45.459	ng		97
25) Isophorone	9.55	82	492240	42.437	ng	#	95
26) 2-Nitrophenol	9.73	139	124581	56.084	ng		95
27) 2,4-Dimethylphenol	9.79	122	231012	55.600	ng		92
28) bis(2-Chloroethoxy)methane	10.03	93	288423	47.050	ng		96
29) 2,4-Dichlorophenol	10.26	162	244438	52.774	ng		93
30) 1,2,4-Trichlorobenzene	10.48	180	227683	43.889	ng		100
31) Naphthalene	10.66	128	659010	43.648	ng		98
32) Benzoic acid	9.92	122	158924	39.396	ng	#	86
33) 4-Chloroaniline	10.77	127	136257	19.200	ng		98
34) Hexachlorobutadiene	10.95	225	135085	43.528	ng		96
35) Caprolactam	11.55	113	97079m	49.298	ng		
36) 4-Chloro-3-methylphenol	11.90	107	269038	47.591	ng		88
37) 2-Methylnaphthalene	12.28	142	507261	43.882	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	290421	43.114	ng		97
40) Hexachlorocyclopentadiene	12.63	237	351965	95.026	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	210134	51.164	ng		100
43) 2,4,5-Trichlorophenol	12.95	196	236550	50.099	ng		94
45) 1,1'-Biphenyl	13.30	154	691176	42.090	ng		98
46) 2-Chloronaphthalene	13.34	162	532801	42.790	ng		99
47) 2-Nitroaniline	13.54	65	191742	49.320	ng		93
48) Acenaphthylene	14.18	152	860197	41.561	ng		98
49) Dimethylphthalate	13.93	163	739431	41.437	ng		99
50) 2,6-Dinitrotoluene	14.04	165	168299	49.767	ng	#	85
51) Acenaphthene	14.53	154	534267	41.091	ng		97
52) 3-Nitroaniline	14.36	138	99564	27.114	ng	#	85
53) 2,4-Dinitrophenol	14.57	184	141634	117.112	ng	#	55
54) Dibenzofuran	14.86	168	845384	43.856	ng		97
55) 4-Nitrophenol	14.68	139	312826	108.623	ng		91
56) 2,4-Dinitrotoluene	14.83	165	239948	53.358	ng	#	83
57) Fluorene	15.52	166	710428	42.590	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	233397	53.987	ng		98
59) Diethylphthalate	15.30	149	778742	41.287	ng		98
60) 4-Chlorophenyl-phenylether	15.52	204	383024	43.901	ng		97
61) 4-Nitroaniline	15.53	138	191628	49.150	ng		92
62) Azobenzene	15.81	77	692622	41.194	ng		97
64) 4,6-Dinitro-2-methylphenol	15.59	198	110010	44.840	ng		96
65) n-Nitrosodiphenylamine	15.73	169	642330	42.886	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	252171	44.572	ng		98
67) Hexachlorobenzene	16.52	284	258109	42.779	ng	#	71
68) Atrazine	16.69	200	284828	48.542	ng		99
69) Pentachlorophenol	16.86	266	348216	84.019	ng	#	57
70) Phenanthrene	17.26	178	1187049	42.951	ng		97
71) Anthracene	17.35	178	1220939	44.176	ng		98
72) Carbazole	17.61	167	1135351	42.581	ng	#	96
73) Di-n-butylphthalate	18.20	149	1378323	41.553	ng		98
74) Fluoranthene	19.28	202	1468706	43.932	ng		96
76) Benzidine	19.46	184	466245	32.607	ng		98
77) Pyrene	19.64	202	1462766	42.116	ng		95
79) Butylbenzylphthalate	20.55	149	650576	42.654	ng		94
80) Benzo(a)anthracene	21.45	228	1466721	43.926	ng		97
81) 3,3'-Dichlorobenzidine	21.37	252	372929	29.954	ng		97
82) Chrysene	21.52	228	1375618	43.142	ng		95
83) Bis(2-ethylhexyl)phthalate	21.40	149	903597	41.949	ng		98
84) Di-n-octyl phthalate	22.57	149	1556723	45.532	ng		100
85) Indeno(1,2,3-cd)pyrene	28.00	276	1730093	47.667	ng	#	93
87) Benzo(b)fluoranthene	23.57	252	1484521	44.244	ng		99
88) Benzo(k)fluoranthene	23.63	252	1462136	43.869	ng		97
89) Benzo(a)pyrene	24.39	252	1452950	45.215	ng		98
90) Dibenzo(a,h)anthracene	28.06	278	1424548	45.815	ng		96
91) Benzo(g,h,i)perylene	29.08	276	1419100	46.382	ng		98

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

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