Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
Data File : BG031014.D
Acq On : 15 Nov 2017 14:18
Operator : SJ/JU
Sample : PB104186BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 15 15:48:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB104186BS

Manual Integrations APPROVED
SOHIL
11/16/2017 6:29:29 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	28764	20.00	ng		-0.01
21) Naphthalene-d8	10.96	136	117606	20.00	ng		-0.01
38) Acenaphthene-d10	14.76	164	86298	20.00	ng		-0.02
63) Phenanthrene-d10	17.50	188	244384	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	378684	20.00	ng		-0.01
86) Perylene-d12	25.07	264	393533	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	225919	134.68	ng		0.00
7) Phenol-d6	7.31	99	286585	126.81	ng		0.00
23) Nitrobenzene-d5	9.31	82	171637	86.48	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	229944	164.71	ng		0.00
44) 2-Fluorobiphenyl	13.38	172	581418	96.81	ng		-0.02
78) Terphenyl-d14	20.09	244	1403717	81.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	20732	30.456	ng	#	84
3) Pyridine	3.96	79	63291	32.026	ng		90
4) n-Nitrosodimethylamine	3.87	42	36113	38.557	ng	#	95
6) Aniline	7.46	93	46584	15.663	ng		95
8) 2-Chlorophenol	7.71	128	87201	47.106	ng		87
9) Benzaldehyde	7.28	77	31751	20.078	ng		88
10) Phenol	7.34	94	103631	44.157	ng		99
11) bis(2-Chloroethyl)ether	7.55	93	70905	37.839	ng		87
12) 1,3-Dichlorobenzene	8.03	146	98451	45.330	ng		96
13) 1,4-Dichlorobenzene	8.18	146	100364	45.602	ng		93
14) 1,2-Dichlorobenzene	8.50	146	96218	45.549	ng		97
15) Benzyl Alcohol	8.38	79	75312	41.547	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.66	45	88992	42.995	ng		81
17) 2-Methylphenol	8.59	107	71024	43.459	ng		91
18) Hexachloroethane	9.23	117	33350	43.538	ng	#	73
19) n-Nitroso-di-n-propylamine	8.94	70	59828	34.819	ng	#	91
20) 3+4-Methylphenols	8.92	107	96154	41.377	ng		92
22) Acetophenone	8.96	105	122217	41.737	ng	#	92
24) Nitrobenzene	9.35	77	91680	45.221	ng	#	88
25) Isophorone	9.87	82	164847	42.588	ng	#	90
26) 2-Nitrophenol	10.06	139	51229	48.477	ng		89
27) 2,4-Dimethylphenol	10.12	122	83204	53.035	ng		97
28) bis(2-Chloroethoxy)methane	10.34	93	99779	40.929	ng	#	95
29) 2,4-Dichlorophenol	10.61	162	107155	56.879	ng		89
30) 1,2,4-Trichlorobenzene	10.81	180	122303	54.376	ng		95
31) Naphthalene	11.00	128	259348	44.859	ng		99
32) Benzoic acid	10.26	122	37530m	30.996	ng		
33) 4-Chloroaniline	11.12	127	24722	9.768	ng	#	93
34) Hexachlorobutadiene	11.28	225	86073	55.180	ng		95
35) Caprolactam	11.88	113	34314m	44.587	ng		
36) 4-Chloro-3-methylphenol	12.24	107	100498	49.014	ng	#	86
37) 2-Methylnaphthalene	12.60	142	219145	49.102	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	166159	48.512	ng	#	95
40) Hexachlorocyclopentadiene	12.94	237	144534	109.555	ng		91

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	106372	54.326	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	113288	52.881	ng	#	90
45) 1,1'-Biphenyl	13.59	154	304070	42.491	ng		96
46) 2-Chloronaphthalene	13.65	162	250285	48.475	ng		95
47) 2-Nitroaniline	13.84	65	63600	41.559	ng	#	82
48) Acenaphthylene	14.49	152	371671	43.981	ng		99
49) Dimethylphthalate	14.20	163	345116	46.252	ng	#	99
50) 2,6-Dinitrotoluene	14.33	165	77477	50.377	ng	#	72
51) Acenaphthene	14.82	154	237392	44.980	ng		100
52) 3-Nitroaniline	14.67	138	22481	13.766	ng	#	69
53) 2,4-Dinitrophenol	14.88	184	79037	92.429	ng	#	50
54) Dibenzofuran	15.16	168	402164	47.840	ng		100
55) 4-Nitrophenol	14.99	139	116291	99.969	ng	#	82
56) 2,4-Dinitrotoluene	15.12	165	116875	52.566	ng	#	69
57) Fluorene	15.80	166	328818	48.179	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.39	232	127043	62.221	ng	#	83
59) Diethylphthalate	15.56	149	340371	44.907	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	210829	51.149	ng		91
61) 4-Nitroaniline	15.83	138	78709	45.517	ng		90
62) Azobenzene	16.08	77	237401	41.070	ng		90
64) 4,6-Dinitro-2-methylphenol	15.89	198	71002	43.710	ng	#	69
65) n-Nitrosodiphenylamine	16.00	169	311332	42.041	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	154264	49.839	ng		96
67) Hexachlorobenzene	16.81	284	166571	50.648	ng	#	86
68) Atrazine	16.94	200	140526	45.992	ng		94
69) Pentachlorophenol	17.15	266	177569	97.674	ng		98
70) Phenanthrene	17.54	178	603574	47.435	ng		99
71) Anthracene	17.64	178	630385	49.443	ng		99
72) Carbazole	17.90	167	583320	48.828	ng		99
73) Di-n-butylphthalate	18.44	149	634416	43.251	ng		99
74) Fluoranthene	19.54	202	918868	57.034	ng		96
76) Benzidine	19.72	184	307352	25.267	ng		99
77) Pyrene	19.90	202	953258	42.422	ng		99
79) Butylbenzylphthalate	20.77	149	350204	39.087	ng	#	77
80) Benzo(a)anthracene	21.75	228	1080700	45.944	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	229177	24.136	ng	#	98
82) Chrysene	21.82	228	1007609	46.308	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	503250	38.912	ng	#	99
84) Di-n-octyl phthalate	22.86	149	855757	40.653	ng	#	91
85) Indeno(1,2,3-cd)pyrene	28.85	276	1275915	48.235	ng	#	91
87) Benzo(b)fluoranthene	24.02	252	1120370	47.065	ng	#	96
88) Benzo(k)fluoranthene	24.09	252	1108808	46.993	ng	#	95
89) Benzo(a)pyrene	24.92	252	1085791	48.014	ng	#	96
90) Dibenzo(a,h)anthracene	28.91	278	1066491	46.140	ng	#	96
91) Benzo(g,h,i)perylene	30.04	276	1066946	47.560	ng	#	91

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

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