Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091417\
Data File : BG028731.D
Acq On : 14 Sep 2017 14:03
Operator : SJ/JU
Sample : PB102225BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB102225BS

Quant Time: Sep 15 07:47:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	24096	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	102044	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	80594	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	242815	20.00	ng	0.00
75) Chrysene-d12	22.02	240	279750	20.00	ng	-0.01
86) Perylene-d12	25.52	264	287547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	207903	142.37	ng	0.00
7) Phenol-d6	7.48	99	293838	133.64	ng	-0.01
23) Nitrobenzene-d5	9.49	82	179328	84.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.43	330	212053	159.08	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	498860	82.54	ng	0.00
78) Terphenyl-d14	20.28	244	1053637	80.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.84	88	18463	31.221	ng	# 90
3) Pyridine	4.23	79	54767	32.466	ng	# 82
4) n-Nitrosodimethylamine	4.14	42	26727	34.829	ng	# 77
6) Aniline	7.65	93	66890	26.141	ng	94
8) 2-Chlorophenol	7.89	128	60592	37.220	ng	94
9) Benzaldehyde	7.47	77	34435	25.244	ng	88
10) Phenol	7.51	94	88983	38.348	ng	96
11) bis(2-Chloroethyl)ether	7.74	93	55085	33.066	ng	88
12) 1,3-Dichlorobenzene	8.22	146	59898	34.170	ng	92
13) 1,4-Dichlorobenzene	8.36	146	62135	34.471	ng	96
14) 1,2-Dichlorobenzene	8.69	146	61948	34.787	ng	93
15) Benzyl Alcohol	8.57	79	63063	36.742	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.84	45	98425	32.508	ng	95
17) 2-Methylphenol	8.77	107	58616	38.658	ng	92
18) Hexachloroethane	9.41	117	22792	34.499	ng	89
19) n-Nitroso-di-n-propylamine	9.12	70	50375	32.320	ng	88
20) 3+4-Methylphenols	9.09	107	79763	37.609	ng	97
22) Acetophenone	9.15	105	98059	32.865	ng	# 86
24) Nitrobenzene	9.54	77	79874	33.815	ng	91
25) Isophorone	10.05	82	141178	32.709	ng	98
26) 2-Nitrophenol	10.25	139	34427	34.245	ng	# 91
27) 2,4-Dimethylphenol	10.30	122	65479	35.633	ng	94
28) bis(2-Chloroethoxy)methane	10.53	93	82019	34.992	ng	93
29) 2,4-Dichlorophenol	10.79	162	70314	38.458	ng	89
30) 1,2,4-Trichlorobenzene	11.00	180	69507	33.324	ng	96
31) Naphthalene	11.20	128	185924	34.885	ng	99
32) Benzoic acid	10.44	122	32428	27.784	ng	94
33) 4-Chloroaniline	11.31	127	50786	22.747	ng	# 92
34) Hexachlorobutadiene	11.47	225	48823	31.780	ng	96
35) Caprolactam	12.08	113	27720	42.279	ng	92
36) 4-Chloro-3-methylphenol	12.41	107	93353	39.233	ng	96
37) 2-Methylnaphthalene	12.78	142	151047	37.960	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	95385	28.784	ng	# 97
40) Hexachlorocyclopentadiene	13.11	237	81676	65.019	ng	89

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Quant Time: Sep 15 07:47:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.38	196	72129	34.295	ng		92
43) 2,4,5-Trichlorophenol	13.47	196	80733	38.201	ng	#	93
45) 1,1'-Biphenyl	13.77	154	208979	31.318	ng		99
46) 2-Chloronaphthalene	13.83	162	164855	33.871	ng		95
47) 2-Nitroaniline	14.03	65	69269	38.295	ng		89
48) Acenaphthylene	14.67	152	278981	35.878	ng		95
49) Dimethylphthalate	14.38	163	257066	38.037	ng		99
50) 2,6-Dinitrotoluene	14.51	165	59508	39.572	ng		87
51) Acenaphthene	15.01	154	167263	35.411	ng		92
52) 3-Nitroaniline	14.85	138	40680	30.590	ng		84
53) 2,4-Dinitrophenol	15.06	184	42576	56.359	ng		93
54) Dibenzofuran	15.34	168	298379	39.611	ng		96
55) 4-Nitrophenol	15.16	139	78585	80.658	ng	#	74
56) 2,4-Dinitrotoluene	15.31	165	89929	42.531	ng	#	86
57) Fluorene	15.99	166	264447	39.324	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.56	232	83372	44.761	ng	#	95
59) Diethylphthalate	15.73	149	278517	40.103	ng		98
60) 4-Chlorophenyl-phenylether	15.96	204	150592	39.326	ng		91
61) 4-Nitroaniline	16.02	138	60716	43.096	ng		89
62) Azobenzene	16.26	77	249582	42.729	ng		91
64) 4,6-Dinitro-2-methylphenol	16.07	198	48086	30.691	ng		97
65) n-Nitrosodiphenylamine	16.18	169	238926	34.325	ng		98
66) 4-Bromophenyl-phenylether	16.86	248	106537	34.099	ng		97
67) Hexachlorobenzene	17.00	284	114315	32.147	ng	#	90
68) Atrazine	17.13	200	106660	35.688	ng		95
69) Pentachlorophenol	17.34	266	109055	67.876	ng		99
70) Phenanthrene	17.74	178	467438	37.645	ng		95
71) Anthracene	17.83	178	469334	37.417	ng		95
72) Carbazole	18.10	167	417421	36.950	ng	#	93
73) Di-n-butylphthalate	18.62	149	494274	35.683	ng	#	94
74) Fluoranthene	19.74	202	586022	38.652	ng		92
76) Benzidine	19.91	184	235806	32.504	ng		98
77) Pyrene	20.09	202	597338	37.019	ng		95
79) Butylbenzylphthalate	20.96	149	226318	34.728	ng		93
80) Benzo(a)anthracene	22.00	228	626787	37.222	ng		94
81) 3,3'-Dichlorobenzidine	21.90	252	164633	24.114	ng	#	99
82) Chrysene	22.07	228	581710	36.408	ng		95
83) Bis(2-ethylhexyl)phthalate	21.86	149	321678	34.721	ng		99
84) Di-n-octyl phthalate	23.16	149	552093	34.107	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.55	276	728583	35.491	ng		100
87) Benzo(b)fluoranthene	24.41	252	624042	36.223	ng		98
88) Benzo(k)fluoranthene	24.47	252	622946	36.201	ng		95
89) Benzo(a)pyrene	25.36	252	609009	37.243	ng		95
90) Dibenzo(a,h)anthracene	29.60	278	610077	35.785	ng		97
91) Benzo(g,h,i)perylene	30.82	276	605755	36.415	ng	#	97

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

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