Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG092017\
Data File : BG028840.D
Acq On : 20 Sep 2017 20:32
Operator : SJ/JU
Sample : I5281-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2-EWMSD

Quant Time: Sep 21 01:27:39 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	8.29	152	32787	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	141189	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	102639	20.00	ng		-0.03
63) Phenanthrene-d10	17.66	188	263740	20.00	ng		-0.03
75) Chrysene-d12	21.99	240	304392	20.00	ng		-0.05
86) Perylene-d12	25.46	264	305788	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	150930	75.96	ng		-0.05
7) Phenol-d6	7.44	99	135272	45.22	ng		-0.05
23) Nitrobenzene-d5	9.46	82	280888	95.17	ng		-0.05
41) 2,4,6-Tribromophenol	16.40	330	257367	151.61	ng		-0.03
44) 2-Fluorobiphenyl	13.53	172	744911	96.77	ng		-0.03
78) Terphenyl-d14	20.25	244	1279507	89.64	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	14896	18.512	ng		98
3) Pyridine	4.18	79	40683	17.724	ng	#	78
4) n-Nitrosodimethylamine	4.09	42	21614	20.700	ng	#	80
6) Aniline	7.61	93	100302	28.808	ng		96
8) 2-Chlorophenol	7.85	128	93776	42.335	ng		91
9) Benzaldehyde	7.43	77	48096	25.912	ng		98
10) Phenol	7.47	94	49716	15.746	ng		90
11) bis(2-Chloroethyl)ether	7.70	93	106558	47.008	ng		89
12) 1,3-Dichlorobenzene	8.18	146	106393	44.605	ng		93
13) 1,4-Dichlorobenzene	8.32	146	106912	43.590	ng		95
14) 1,2-Dichlorobenzene	8.65	146	108683	44.853	ng		97
15) Benzyl Alcohol	8.52	79	74214	31.777	ng	#	91
16) 2,2'-oxybis(1-Chloropropan	8.81	45	183246	44.479	ng		95
17) 2-Methylphenol	8.72	107	72601	35.189	ng		93
18) Hexachloroethane	9.37	117	37964	42.232	ng		95
19) n-Nitroso-di-n-propylamine	9.09	70	95655	45.103	ng	#	84
20) 3+4-Methylphenols	9.05	107	88486	30.662	ng		95
22) Acetophenone	9.11	105	183185	44.373	ng	#	86
24) Nitrobenzene	9.51	77	147603	45.163	ng		94
25) Isophorone	10.02	82	270188	45.243	ng		98
26) 2-Nitrophenol	10.22	139	63804	45.871	ng		86
27) 2,4-Dimethylphenol	10.26	122	97727	38.437	ng		95
28) bis(2-Chloroethoxy)methane	10.49	93	150626	46.446	ng		98
29) 2,4-Dichlorophenol	10.76	162	114204	45.145	ng		93
30) 1,2,4-Trichlorobenzene	10.97	180	128577	44.554	ng		96
31) Naphthalene	11.16	128	338384	45.888	ng		98
32) Benzoic acid	10.39	122	8254	10.078	ng		92
33) 4-Chloroaniline	11.27	127	95467	30.904	ng	#	88
34) Hexachlorobutadiene	11.43	225	89675	42.188	ng		99
35) Caprolactam	12.06	113	6777	7.471	ng	#	76
36) 4-Chloro-3-methylphenol	12.37	107	130465	39.628	ng		93
37) 2-Methylnaphthalene	12.74	142	273319	49.645	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	180459	42.761	ng		97
40) Hexachlorocyclopentadiene	13.08	237	154182	92.710	ng		92

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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	13.35	196	116988	43.677	ng		91
43) 2,4,5-Trichlorophenol	13.42	196	123749	45.978	ng		93
45) 1,1'-Biphenyl	13.74	154	376262	44.276	ng		96
46) 2-Chloronaphthalene	13.79	162	291192	46.979	ng		99
47) 2-Nitroaniline	13.99	65	111148	48.249	ng		94
48) Acenaphthylene	14.64	152	466292	47.087	ng		98
49) Dimethylphthalate	14.35	163	406634	47.245	ng		97
50) 2,6-Dinitrotoluene	14.48	165	95926	50.089	ng	#	82
51) Acenaphthene	14.98	154	287868	47.854	ng		96
52) 3-Nitroaniline	14.82	138	63347	37.404	ng		94
53) 2,4-Dinitrophenol	15.03	184	86195	84.874	ng		96
54) Dibenzofuran	15.30	168	493715	51.466	ng		94
55) 4-Nitrophenol	15.13	139	41381	33.350	ng	#	81
56) 2,4-Dinitrotoluene	15.28	165	140202	52.065	ng	#	86
57) Fluorene	15.96	166	417006	48.691	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	125370	52.852	ng	#	93
59) Diethylphthalate	15.70	149	424415	47.985	ng		97
60) 4-Chlorophenyl-phenylether	15.94	204	240436	49.303	ng		90
61) 4-Nitroaniline	15.99	138	84888	47.312	ng	#	78
62) Azobenzene	16.23	77	384243	51.654	ng		90
64) 4,6-Dinitro-2-methylphenol	16.05	198	79372	46.640	ng		97
65) n-Nitrosodiphenylamine	16.16	169	366590	48.487	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	167677	49.410	ng		97
67) Hexachlorobenzene	16.97	284	181813	47.072	ng	#	86
68) Atrazine	17.10	200	157158	48.412	ng		99
69) Pentachlorophenol	17.31	266	156300	89.564	ng		93
70) Phenanthrene	17.70	178	687604	50.982	ng		95
71) Anthracene	17.80	178	695805	51.071	ng		97
72) Carbazole	18.07	167	607215	49.486	ng	#	93
73) Di-n-butylphthalate	18.59	149	725383	48.213	ng	#	94
74) Fluoranthene	19.71	202	841855	51.121	ng		92
76) Benzidine	19.88	184	258035	32.689	ng		97
77) Pyrene	20.07	202	873165	49.732	ng		96
79) Butylbenzylphthalate	20.93	149	333148	46.983	ng		91
80) Benzo(a)anthracene	21.97	228	908813	49.601	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	288721	38.866	ng		96
82) Chrysene	22.04	228	856973	49.294	ng		96
83) Bis(2-ethylhexyl)phthalate	21.82	149	463939	46.022	ng		100
84) Di-n-octyl phthalate	23.11	149	811740	46.088	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.46	276	1081539	48.419	ng		99
87) Benzo(b)fluoranthene	24.35	252	926670	50.581	ng		99
88) Benzo(k)fluoranthene	24.42	252	908748	49.659	ng		96
89) Benzo(a)pyrene	25.29	252	885760	50.936	ng		96
90) Dibenzo(a,h)anthracene	29.50	278	895217	49.378	ng		97
91) Benzo(g,h,i)perylene	30.70	276	875416	49.487	ng		99

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

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