Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
Data File : BG028868.D
Acq On : 21 Sep 2017 21:43
Operator : SJ/JU
Sample : I5309-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-COMPMSD

Manual Integrations APPROVED
Sohil
9/22/2017 3:59:01 PM

Quant Time: Sep 22 01:59:23 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	35986	20.00	ng		-0.04
21) Naphthalene-d8	11.11	136	141043	20.00	ng		-0.04
38) Acenaphthene-d10	14.91	164	99996	20.00	ng		-0.04
63) Phenanthrene-d10	17.66	188	267386	20.00	ng		-0.04
75) Chrysene-d12	21.99	240	319866	20.00	ng		-0.05
86) Perylene-d12	25.45	264	322759	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	315946	144.87	ng		-0.04
7) Phenol-d6	7.44	99	408767	124.49	ng		-0.04
23) Nitrobenzene-d5	9.46	82	299042	101.43	ng		-0.04
41) 2,4,6-Tribromophenol	16.40	330	275209	166.40	ng		-0.04
44) 2-Fluorobiphenyl	13.53	172	750993	100.14	ng		-0.04
78) Terphenyl-d14	20.25	244	1432747	95.52	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	28087	31.802	ng	#	94
3) Pyridine	4.20	79	75881	30.120	ng		90
4) n-Nitrosodimethylamine	4.10	42	44961	39.232	ng	#	74
6) Aniline	7.62	93	59558	15.585	ng		98
8) 2-Chlorophenol	7.86	128	97579	40.136	ng		92
9) Benzaldehyde	7.43	77	28931	14.201	ng		93
10) Phenol	7.47	94	123239	35.563	ng		88
11) bis(2-Chloroethyl)ether	7.70	93	91936	36.952	ng		93
12) 1,3-Dichlorobenzene	8.18	146	100338	38.327	ng		92
13) 1,4-Dichlorobenzene	8.33	146	104017	38.640	ng		95
14) 1,2-Dichlorobenzene	8.64	146	101629	38.213	ng		94
15) Benzyl Alcohol	8.53	79	99482	38.810	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.80	45	162237	35.879	ng		96
17) 2-Methylphenol	8.73	107	87037	38.436	ng		92
18) Hexachloroethane	9.38	117	38510	39.031	ng		94
19) n-Nitroso-di-n-propylamine	9.09	70	84830	36.443	ng	#	87
20) 3+4-Methylphenols	9.05	107	121623	38.399	ng		96
22) Acetophenone	9.11	105	159502	38.677	ng	#	85
24) Nitrobenzene	9.50	77	130334	39.921	ng		94
25) Isophorone	10.02	82	232167	38.917	ng		97
26) 2-Nitrophenol	10.22	139	56093	40.369	ng		88
27) 2,4-Dimethylphenol	10.26	122	99074	39.007	ng		98
28) bis(2-Chloroethoxy)methane	10.49	93	130989	40.432	ng		98
29) 2,4-Dichlorophenol	10.76	162	108972	43.121	ng		96
30) 1,2,4-Trichlorobenzene	10.97	180	117219	40.660	ng		99
31) Naphthalene	11.16	128	302474	41.061	ng		98
32) Benzoic acid	10.42	122	41715	26.280	ng	#	81
33) 4-Chloroaniline	11.29	127	11023	3.572	ng	#	92
34) Hexachlorobutadiene	11.43	225	84958	40.010	ng		94
35) Caprolactam	12.06	113	32007m	35.319	ng		
36) 4-Chloro-3-methylphenol	12.37	107	127531	38.777	ng		99
37) 2-Methylnaphthalene	12.74	142	235882	42.889	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	150162	36.522	ng		98
40) Hexachlorocyclopentadiene	13.08	237	141002	87.492	ng		100

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.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	13.35	196	105139	40.290	ng		95
43) 2,4,5-Trichlorophenol	13.43	196	113390	43.243	ng		94
45) 1,1'-Biphenyl	13.74	154	320893	38.758	ng		98
46) 2-Chloronaphthalene	13.79	162	248685	41.181	ng		98
47) 2-Nitroaniline	14.00	65	97136	43.281	ng		93
48) Acenaphthylene	14.63	152	398412	41.296	ng		97
49) Dimethylphthalate	14.35	163	355708	42.421	ng		99
50) 2,6-Dinitrotoluene	14.48	165	80549	43.171	ng	#	82
51) Acenaphthene	14.97	154	243515	41.551	ng		93
52) 3-Nitroaniline	14.82	138	23494	14.239	ng		96
53) 2,4-Dinitrophenol	15.03	184	69974	72.057	ng		94
54) Dibenzofuran	15.31	168	425169	45.492	ng		96
55) 4-Nitrophenol	15.13	139	95074	78.648	ng	#	77
56) 2,4-Dinitrotoluene	15.27	165	122941	46.862	ng	#	83
57) Fluorene	15.95	166	359572	43.094	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	113418	49.077	ng		91
59) Diethylphthalate	15.71	149	376009	43.635	ng		98
60) 4-Chlorophenyl-phenylether	15.93	204	206427	43.448	ng		90
61) 4-Nitroaniline	15.98	138	72811	41.654	ng		94
62) Azobenzene	16.23	77	333864	46.068	ng		92
64) 4,6-Dinitro-2-methylphenol	16.04	198	67610	39.186	ng		97
65) n-Nitrosodiphenylamine	16.15	169	317060	41.364	ng		99
66) 4-Bromophenyl-phenylether	16.83	248	142878	41.528	ng		93
67) Hexachlorobenzene	16.96	284	154112	39.356	ng	#	91
68) Atrazine	17.09	200	130524	39.659	ng		95
69) Pentachlorophenol	17.32	266	148796	84.101	ng		97
70) Phenanthrene	17.70	178	607604	44.436	ng		95
71) Anthracene	17.79	178	619301	44.836	ng		97
72) Carbazole	18.06	167	548075	44.057	ng	#	94
73) Di-n-butylphthalate	18.59	149	649908	42.607	ng	#	95
74) Fluoranthene	19.70	202	774845	46.410	ng		93
76) Benzidine	19.90	184	19868	2.395	ng		95
77) Pyrene	20.07	202	803391	43.544	ng		95
79) Butylbenzylphthalate	20.93	149	304240	40.830	ng		91
80) Benzo(a)anthracene	21.96	228	830135	43.115	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	142117	18.206	ng		97
82) Chrysene	22.03	228	785467	42.996	ng		95
83) Bis(2-ethylhexyl)phthalate	21.82	149	438969	41.438	ng		100
84) Di-n-octyl phthalate	23.11	149	742067	40.094	ng	#	88
85) Indeno(1,2,3-cd)pyrene	29.44	276	901797	38.419	ng		99
87) Benzo(b)fluoranthene	24.35	252	856579	44.297	ng		98
88) Benzo(k)fluoranthene	24.42	252	823764	42.648	ng		95
89) Benzo(a)pyrene	25.29	252	817296	44.528	ng		98
90) Dibenzo(a,h)anthracene	29.50	278	760110	39.721	ng		96
91) Benzo(g,h,i)perylene	30.69	276	723661	38.757	ng		97

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

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