Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028853.D
Acq On : 21 Sep 2017 11:44
Operator : SJ/JU
Sample : I5313-06MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 72-12000-R4-COMPMSD

Quant Time: Sep 21 12:57:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 21 12:57:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	37141	20.00	ng		0.00
21) Naphthalene-d8	11.11	136	152085	20.00	ng		0.00
38) Acenaphthene-d10	14.90	164	107560	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	278139	20.00	ng		0.00
75) Chrysene-d12	21.98	240	321537	20.00	ng		0.00
86) Perylene-d12	25.45	264	331654	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	287475	127.72	ng		0.00
7) Phenol-d6	7.45	99	369807	109.12	ng		0.00
23) Nitrobenzene-d5	9.46	82	267232	84.06	ng		0.00
41) 2,4,6-Tribromophenol	16.40	330	233657	131.34	ng		0.00
44) 2-Fluorobiphenyl	13.53	172	663892	82.30	ng		0.00
78) Terphenyl-d14	20.24	244	1212531	80.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	31308	34.347	ng	#	88
3) Pyridine	4.20	79	90065	34.638	ng		92
4) n-Nitrosodimethylamine	4.10	42	48904	41.346	ng	#	79
6) Aniline	7.62	93	99928	25.336	ng	#	90
8) 2-Chlorophenol	7.86	128	100546	40.070	ng		89
9) Benzaldehyde	7.42	77	32686	15.546	ng		96
10) Phenol	7.48	94	128028	35.796	ng		87
11) bis(2-Chloroethyl)ether	7.70	93	97763	38.072	ng		87
12) 1,3-Dichlorobenzene	8.18	146	108976	40.332	ng		93
13) 1,4-Dichlorobenzene	8.32	146	111154	40.007	ng		96
14) 1,2-Dichlorobenzene	8.65	146	104549	38.089	ng		99
15) Benzyl Alcohol	8.53	79	103817	39.242	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	8.80	45	169762	36.376	ng		94
17) 2-Methylphenol	8.72	107	94938	40.621	ng	#	87
18) Hexachloroethane	9.38	117	40428	39.701	ng		91
19) n-Nitroso-di-n-propylamine	9.09	70	85806	35.716	ng		89
20) 3+4-Methylphenols	9.06	107	124274	38.015	ng		93
22) Acetophenone	9.11	105	166421	37.425	ng	#	89
24) Nitrobenzene	9.50	77	135520	38.495	ng		94
25) Isophorone	10.02	82	238467	37.070	ng		99
26) 2-Nitrophenol	10.22	139	56814	37.919	ng		89
27) 2,4-Dimethylphenol	10.26	122	102707	37.502	ng		98
28) bis(2-Chloroethoxy)methane	10.49	93	135464	38.778	ng	#	98
29) 2,4-Dichlorophenol	10.76	162	110835	40.674	ng		91
30) 1,2,4-Trichlorobenzene	10.97	180	122850	39.519	ng		99
31) Naphthalene	11.16	128	314864	39.640	ng		97
32) Benzoic acid	10.42	122	34296	21.483	ng	#	82
33) 4-Chloroaniline	11.28	127	25281	7.598	ng	#	93
34) Hexachlorobutadiene	11.43	225	88114	38.484	ng		94
35) Caprolactam	12.05	113	31736	32.477	ng		92
36) 4-Chloro-3-methylphenol	12.38	107	130676	36.848	ng		94
37) 2-Methylnaphthalene	12.75	142	245004	41.313	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	158905	35.931	ng	#	96
40) Hexachlorocyclopentadiene	13.08	237	137996	80.290	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	104885	37.366	ng		91
43) 2,4,5-Trichlorophenol	13.44	196	114405	40.562	ng	#	90
45) 1,1'-Biphenyl	13.74	154	327192	36.740	ng		98
46) 2-Chloronaphthalene	13.79	162	256832	39.540	ng		99
47) 2-Nitroaniline	13.99	65	96525	39.984	ng	#	90
48) Acenaphthylene	14.63	152	405407	39.066	ng		97
49) Dimethylphthalate	14.35	163	348507	38.639	ng		97
50) 2,6-Dinitrotoluene	14.48	165	82566	41.140	ng	#	82
51) Acenaphthene	14.97	154	249544	39.585	ng		95
52) 3-Nitroaniline	14.82	138	43431	24.471	ng		83
53) 2,4-Dinitrophenol	15.03	184	34194	37.102	ng		86
54) Dibenzofuran	15.30	168	421997	41.977	ng		96
55) 4-Nitrophenol	15.13	139	86816	66.766	ng	#	71
56) 2,4-Dinitrotoluene	15.27	165	118003	41.816	ng	#	82
57) Fluorene	15.96	166	365015	40.670	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	114033	45.873	ng	#	88
59) Diethylphthalate	15.70	149	367073	39.603	ng		98
60) 4-Chlorophenyl-phenylether	15.93	204	209388	40.972	ng		93
61) 4-Nitroaniline	15.99	138	74673	39.715	ng	#	83
62) Azobenzene	16.23	77	334105	42.859	ng		89
64) 4,6-Dinitro-2-methylphenol	16.04	198	46565	25.945	ng		95
65) n-Nitrosodiphenylamine	16.15	169	319443	40.064	ng		93
66) 4-Bromophenyl-phenylether	16.83	248	145150	40.557	ng		95
67) Hexachlorobenzene	16.97	284	154854	38.017	ng	#	85
68) Atrazine	17.10	200	137127	40.055	ng		96
69) Pentachlorophenol	17.31	266	112731	61.253	ng		97
70) Phenanthrene	17.70	178	593283	41.711	ng		96
71) Anthracene	17.79	178	599546	41.728	ng		99
72) Carbazole	18.07	167	532786	41.172	ng	#	92
73) Di-n-butylphthalate	18.59	149	628619	39.618	ng	#	95
74) Fluoranthene	19.70	202	735138	42.330	ng		94
76) Benzidine	19.88	184	110909	13.301	ng		96
77) Pyrene	20.06	202	774251	41.747	ng		96
79) Butylbenzylphthalate	20.93	149	289877	38.700	ng		93
80) Benzo(a)anthracene	21.96	228	797182	41.189	ng		94
81) 3,3'-Dichlorobenzidine	21.87	252	180464	22.998	ng	#	99
82) Chrysene	22.04	228	742688	40.443	ng		95
83) Bis(2-ethylhexyl)phthalate	21.82	149	415127	38.984	ng		99
84) Di-n-octyl phthalate	23.11	149	706277	37.962	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.43	276	888876	37.672	ng	#	98
87) Benzo(b)fluoranthene	24.35	252	812122	40.871	ng		98
88) Benzo(k)fluoranthene	24.42	252	796143	40.112	ng		95
89) Benzo(a)pyrene	25.29	252	780531	41.384	ng		97
90) Dibenzo(a,h)anthracene	29.49	278	739707	37.619	ng		99
91) Benzo(g,h,i)perylene	30.69	276	698172	36.389	ng		98

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

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