Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092017\
Data File : BG028852.D
Acq On : 21 Sep 2017 11:05
Operator : SJ/JU
Sample : I5313-06MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Sep 21 11:41:33 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 11:41:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	35093	20.00	ng		0.00
21) Naphthalene-d8	11.11	136	141068	20.00	ng		0.00
38) Acenaphthene-d10	14.91	164	97068	20.00	ng		0.00
63) Phenanthrene-d10	17.66	188	261968	20.00	ng		0.00
75) Chrysene-d12	21.98	240	315451	20.00	ng		0.00
86) Perylene-d12	25.45	264	313527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.86	112	297696	139.97	ng		0.00
7) Phenol-d6	7.45	99	391231	122.18	ng		0.00
23) Nitrobenzene-d5	9.46	82	268356	91.00	ng		0.00
41) 2,4,6-Tribromophenol	16.40	330	239359	149.09	ng		0.00
44) 2-Fluorobiphenyl	13.53	172	664484	91.28	ng		0.00
78) Terphenyl-d14	20.24	244	1279649	86.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.80	88	30831	35.798	ng		97
3) Pyridine	4.20	79	94897	38.626	ng	#	85
4) n-Nitrosodimethylamine	4.10	42	47915	42.874	ng	#	64
6) Aniline	7.61	93	84486	22.671	ng		98
8) 2-Chlorophenol	7.86	128	105275	44.403	ng		94
9) Benzaldehyde	7.43	77	33349	16.787	ng		95
10) Phenol	7.47	94	135737	40.166	ng		86
11) bis(2-Chloroethyl)ether	7.70	93	101544	41.852	ng		88
12) 1,3-Dichlorobenzene	8.18	146	109345	42.831	ng		89
13) 1,4-Dichlorobenzene	8.32	146	112238	42.755	ng		95
14) 1,2-Dichlorobenzene	8.65	146	110036	42.427	ng		97
15) Benzyl Alcohol	8.53	79	108438	43.380	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.80	45	177533	40.261	ng		97
17) 2-Methylphenol	8.73	107	93141	42.178	ng		94
18) Hexachloroethane	9.37	117	40078	41.654	ng		92
19) n-Nitroso-di-n-propylamine	9.09	70	89905	39.607	ng		89
20) 3+4-Methylphenols	9.06	107	128042	41.454	ng		91
22) Acetophenone	9.12	105	166946	40.475	ng	#	88
24) Nitrobenzene	9.50	77	136541	41.814	ng	#	89
25) Isophorone	10.01	82	240540	40.313	ng		98
26) 2-Nitrophenol	10.21	139	56902	40.944	ng		87
27) 2,4-Dimethylphenol	10.26	122	104272	41.046	ng		96
28) bis(2-Chloroethoxy)methane	10.49	93	136734	42.198	ng		96
29) 2,4-Dichlorophenol	10.75	162	113369	44.853	ng		95
30) 1,2,4-Trichlorobenzene	10.97	180	126360	43.823	ng		98
31) Naphthalene	11.16	128	323785	43.946	ng		98
32) Benzoic acid	10.40	122	30016	20.614	ng		93
33) 4-Chloroaniline	11.28	127	17980	5.825	ng	#	89
34) Hexachlorobutadiene	11.43	225	88650	41.742	ng		98
35) Caprolactam	12.05	113	34629	38.206	ng		97
36) 4-Chloro-3-methylphenol	12.38	107	132694	40.340	ng		93
37) 2-Methylnaphthalene	12.75	142	248345	45.147	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	160012	40.092	ng	#	98
40) Hexachlorocyclopentadiene	13.08	237	133913	85.764	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.35	196	107203	42.320	ng		99
43) 2,4,5-Trichlorophenol	13.43	196	113618	44.637	ng	#	88
45) 1,1'-Biphenyl	13.74	154	332845	41.415	ng		98
46) 2-Chloronaphthalene	13.79	162	262555	44.790	ng		98
47) 2-Nitroaniline	13.99	65	101982	46.811	ng		95
48) Acenaphthylene	14.63	152	415190	44.333	ng		96
49) Dimethylphthalate	14.35	163	355930	43.728	ng		98
50) 2,6-Dinitrotoluene	14.48	165	81983	45.265	ng	#	80
51) Acenaphthene	14.97	154	253227	44.511	ng		94
52) 3-Nitroaniline	14.81	138	43444	27.124	ng	#	91
53) 2,4-Dinitrophenol	15.03	184	33285	39.390	ng		95
54) Dibenzofuran	15.30	168	434662	47.910	ng		93
55) 4-Nitrophenol	15.13	139	89343	76.136	ng	#	73
56) 2,4-Dinitrotoluene	15.27	165	120839	47.450	ng	#	83
57) Fluorene	15.95	166	371179	45.827	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.53	232	114317	50.958	ng	#	93
59) Diethylphthalate	15.70	149	370077	44.242	ng		98
60) 4-Chlorophenyl-phenylether	15.93	204	210454	45.631	ng		92
61) 4-Nitroaniline	15.98	138	80339	47.347	ng	#	83
62) Azobenzene	16.23	77	342950	48.749	ng		90
64) 4,6-Dinitro-2-methylphenol	16.04	198	46677	27.613	ng		93
65) n-Nitrosodiphenylamine	16.15	169	325492	43.343	ng		98
66) 4-Bromophenyl-phenylether	16.83	248	148642	44.097	ng		93
67) Hexachlorobenzene	16.97	284	159320	41.528	ng	#	87
68) Atrazine	17.09	200	146039	45.291	ng		98
69) Pentachlorophenol	17.31	266	112554	64.932	ng		94
70) Phenanthrene	17.70	178	624770	46.637	ng		94
71) Anthracene	17.79	178	632655	46.750	ng		96
72) Carbazole	18.06	167	560880	46.019	ng	#	95
73) Di-n-butylphthalate	18.59	149	667412	44.660	ng	#	94
74) Fluoranthene	19.70	202	802246	49.045	ng		94
76) Benzidine	19.88	184	133473	16.316	ng		98
77) Pyrene	20.06	202	813997	44.737	ng		96
79) Butylbenzylphthalate	20.93	149	313335	42.639	ng		89
80) Benzo(a)anthracene	21.97	228	858400	45.207	ng		93
81) 3,3'-Dichlorobenzidine	21.87	252	178639	23.204	ng		98
82) Chrysene	22.04	228	796131	44.189	ng		94
83) Bis(2-ethylhexyl)phthalate	21.82	149	442044	42.313	ng		99
84) Di-n-octyl phthalate	23.11	149	761193	41.703	ng	#	87
85) Indeno(1,2,3-cd)pyrene	29.45	276	981679	42.408	ng	#	99
87) Benzo(b)fluoranthene	24.34	252	867511	46.183	ng	#	97
88) Benzo(k)fluoranthene	24.42	252	844342	45.000	ng		94
89) Benzo(a)pyrene	25.29	252	835826	46.878	ng		95
90) Dibenzo(a,h)anthracene	29.50	278	809224	43.533	ng		98
91) Benzo(g,h,i)perylene	30.68	276	778578	42.926	ng		97

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

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