Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
Data File : BG024032.D
Acq On : 20 Sep 2016 00:00
Operator : UM/SJ
Sample : H4821-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-MWP7-9MSD

Quant Time: Sep 20 01:24:34 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 01:00:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	44478	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	204531	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	176265	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	400405	20.00	ng		0.00
75) Chrysene-d12	21.80	240	456964	20.00	ng		0.00
86) Perylene-d12	25.14	264	458965	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	210951	83.27	ng		0.00
7) Phenol-d6	7.23	99	215181	55.18	ng		0.00
23) Nitrobenzene-d5	9.23	82	460606	100.54	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	369274	116.28	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	970482	78.94	ng		0.00
78) Terphenyl-d14	20.10	244	1738756	86.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	32353	30.97	ng		92
3) Pyridine	3.87	79	110828	35.29	ng		96
4) n-Nitrosodimethylamine	3.78	42	67283	40.65	ng	#	97
6) Aniline	7.38	93	159888	30.89	ng		98
8) 2-Chlorophenol	7.63	128	113445	38.65	ng		94
9) Benzaldehyde	7.20	77	16032	5.79	ng	#	71
10) Phenol	7.26	94	176812	43.10	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	120977	37.48	ng		90
12) 1,3-Dichlorobenzene	7.94	146	121504	35.37	ng		94
13) 1,4-Dichlorobenzene	8.09	146	128570	35.33	ng		94
14) 1,2-Dichlorobenzene	8.41	146	123137	36.05	ng		92
15) Benzyl Alcohol	8.31	79	148133	43.08	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	160910	37.19	ng		93
17) 2-Methylphenol	8.51	107	117542	42.53	ng		93
18) Hexachloroethane	9.14	117	52820	37.69	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	132675	38.51	ng	#	94
20) 3+4-Methylphenols	8.85	107	158122	41.05	ng		97
22) Acetophenone	8.89	105	184464	34.84	ng	#	98
24) Nitrobenzene	9.28	77	197476	40.08	ng		99
25) Isophorone	9.80	82	348672	39.25	ng		97
26) 2-Nitrophenol	10.00	139	71091	37.96	ng		93
27) 2,4-Dimethylphenol	10.06	122	125035	39.28	ng		95
28) bis(2-Chloroethoxy)methane	10.28	93	180155	40.16	ng		98
29) 2,4-Dichlorophenol	10.55	162	141465	41.95	ng		94
30) 1,2,4-Trichlorobenzene	10.74	180	136852	37.00	ng		99
31) Naphthalene	10.93	128	390607	37.06	ng		98
32) Benzoic acid	10.22	122	61347	23.73	ng		96
33) 4-Chloroaniline	11.06	127	94466	21.47	ng		96
34) Hexachlorobutadiene	11.21	225	103533	37.27	ng		91
35) Caprolactam	11.85	113	48937m	41.17	ng		
36) 4-Chloro-3-methylphenol	12.20	107	179590	39.85	ng		89
37) 2-Methylnaphthalene	12.55	142	298351	37.21	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	167925	28.70	ng		99
40) Hexachlorocyclopentadiene	12.88	237	198406	58.38	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	126644	32.44	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	131652	33.36	ng		97
45) 1,1'-Biphenyl	13.55	154	373943	26.38	ng		98
46) 2-Chloronaphthalene	13.60	162	338209	32.49	ng		98
47) 2-Nitroaniline	13.82	65	161362	39.36	ng		99
48) Acenaphthylene	14.45	152	554560	31.96	ng		97
49) Dimethylphthalate	14.18	163	513265	33.96	ng		99
50) 2,6-Dinitrotoluene	14.31	165	107695	33.75	ng		96
51) Acenaphthene	14.79	154	351533	32.77	ng		100
52) 3-Nitroaniline	14.65	138	65899	22.08	ng		88
53) 2,4-Dinitrophenol	14.87	184	126113	56.18	ng		91
54) Dibenzofuran	15.13	168	574595	34.32	ng		98
55) 4-Nitrophenol	14.99	139	141144	59.44	ng	#	82
56) 2,4-Dinitrotoluene	15.11	165	162174	34.58	ng		89
57) Fluorene	15.78	166	472121	32.52	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	146846	36.66	ng		96
59) Diethylphthalate	15.54	149	522655	32.39	ng		98
60) 4-Chlorophenyl-phenylether	15.77	204	251902	32.23	ng		92
61) 4-Nitroaniline	15.83	138	102579	34.00	ng		96
62) Azobenzene	16.06	77	601882	38.51	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	99715	35.87	ng		88
65) n-Nitrosodiphenylamine	15.99	169	437270	38.45	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	189623	38.93	ng		95
67) Hexachlorobenzene	16.79	284	196272	34.35	ng		99
68) Atrazine	16.94	200	183790	37.56	ng		97
69) Pentachlorophenol	17.15	266	202670	66.79	ng		95
70) Phenanthrene	17.54	178	821061	39.42	ng		98
71) Anthracene	17.63	178	849352	39.97	ng		96
72) Carbazole	17.91	167	725597	37.63	ng		98
73) Di-n-butylphthalate	18.44	149	896449	38.97	ng		97
74) Fluoranthene	19.55	202	1011867	40.35	ng		96
76) Benzidine	19.74	184	506907	35.82	ng		97
77) Pyrene	19.91	202	1009340	35.91	ng		95
79) Butylbenzylphthalate	20.78	149	419359	38.71	ng		99
80) Benzo(a)anthracene	21.78	228	993621	38.84	ng		91
81) 3,3'-Dichlorobenzidine	21.69	252	194868	19.06	ng		97
82) Chrysene	21.85	228	954372	39.20	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	572136	38.57	ng		96
84) Di-n-octyl phthalate	22.90	149	962268	39.55	ng		100
85) Indeno(1,2,3-cd)pyrene	28.97	276	1174078	43.55	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	1036191	39.74	ng		95
88) Benzo(k)fluoranthene	24.14	252	1008655	39.02	ng	#	96
89) Benzo(a)pyrene	24.98	252	999796	40.38	ng	#	98
90) Dibenzo(a,h)anthracene	29.02	278	971895	39.91	ng	#	97
91) Benzo(g,h,i)perylene	30.18	276	962713	41.11	ng		96

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

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