Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091916\
Data File : BG024031.D
Acq On : 19 Sep 2016 23:22
Operator : UM/SJ
Sample : H4821-05MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-MWP7-9MS

Quant Time: Sep 20 01:22:56 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	8.06	152	43485	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	198150	20.00	ng		0.00
38) Acenaphthene-d10	14.73	164	175210	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	395519	20.00	ng		0.00
75) Chrysene-d12	21.80	240	466258	20.00	ng		0.00
86) Perylene-d12	25.14	264	472351	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	178808	72.19	ng		0.00
7) Phenol-d6	7.23	99	178732	46.88	ng		0.00
23) Nitrobenzene-d5	9.24	82	450094	101.41	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	379124	120.10	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	962167	78.73	ng		0.00
78) Terphenyl-d14	20.10	244	1694977	82.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	31924	31.25	ng		94
3) Pyridine	3.87	79	103580	33.74	ng		95
4) n-Nitrosodimethylamine	3.78	42	63927	39.50	ng	#	92
6) Aniline	7.38	93	133471	26.37	ng		91
8) 2-Chlorophenol	7.62	128	107782	37.56	ng		93
9) Benzaldehyde	7.20	77	16780	6.19	ng		91
10) Phenol	7.25	94	169184	42.18	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	111543	35.35	ng		85
12) 1,3-Dichlorobenzene	7.94	146	114040	33.96	ng		94
13) 1,4-Dichlorobenzene	8.09	146	119611	33.62	ng		92
14) 1,2-Dichlorobenzene	8.41	146	119524	35.79	ng		92
15) Benzyl Alcohol	8.30	79	145387	43.25	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	147920	34.97	ng		97
17) 2-Methylphenol	8.51	107	107288	39.70	ng		98
18) Hexachloroethane	9.14	117	52741	38.50	ng		83
19) n-Nitroso-di-n-propylamine	8.87	70	125144	37.15	ng	#	95
20) 3+4-Methylphenols	8.85	107	152126	40.40	ng		96
22) Acetophenone	8.89	105	173720	33.86	ng	#	99
24) Nitrobenzene	9.28	77	189569	39.72	ng		95
25) Isophorone	9.80	82	325451	37.81	ng		98
26) 2-Nitrophenol	10.00	139	68534	37.77	ng	#	88
27) 2,4-Dimethylphenol	10.06	122	120305	39.01	ng		91
28) bis(2-Chloroethoxy)methane	10.28	93	173650	39.96	ng		94
29) 2,4-Dichlorophenol	10.55	162	134251	41.09	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	130505	36.42	ng		93
31) Naphthalene	10.94	128	367552	36.00	ng	#	95
32) Benzoic acid	10.21	122	57447	22.94	ng		93
33) 4-Chloroaniline	11.06	127	70472	16.53	ng		91
34) Hexachlorobutadiene	11.21	225	101979	37.89	ng		93
35) Caprolactam	11.84	113	46360	40.26	ng		94
36) 4-Chloro-3-methylphenol	12.20	107	169579	38.84	ng		98
37) 2-Methylnaphthalene	12.55	142	291307	37.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	160204	27.55	ng		97
40) Hexachlorocyclopentadiene	12.88	237	186464	55.58	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	126562	32.61	ng		100
43) 2,4,5-Trichlorophenol	13.25	196	129264	32.95	ng		88
45) 1,1'-Biphenyl	13.55	154	376081	26.69	ng		98
46) 2-Chloronaphthalene	13.60	162	326057	31.51	ng		98
47) 2-Nitroaniline	13.82	65	147086	36.09	ng		98
48) Acenaphthylene	14.45	152	533959	30.96	ng		97
49) Dimethylphthalate	14.18	163	582061	38.74	ng		97
50) 2,6-Dinitrotoluene	14.31	165	102319	32.26	ng		98
51) Acenaphthene	14.79	154	338110	31.71	ng		95
52) 3-Nitroaniline	14.65	138	54272	18.29	ng	#	90
53) 2,4-Dinitrophenol	14.87	184	116270	52.57	ng	#	84
54) Dibenzofuran	15.13	168	564644	33.93	ng		98
55) 4-Nitrophenol	14.99	139	137281	58.16	ng	#	85
56) 2,4-Dinitrotoluene	15.11	165	150449	32.27	ng	#	90
57) Fluorene	15.79	166	461386	31.97	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.37	232	142867	35.88	ng		95
59) Diethylphthalate	15.54	149	503721	31.41	ng		97
60) 4-Chlorophenyl-phenylether	15.77	204	246055	31.68	ng		94
61) 4-Nitroaniline	15.83	138	95044	31.69	ng		97
62) Azobenzene	16.06	77	582217	37.48	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	94273	34.33	ng		91
65) n-Nitrosodiphenylamine	15.98	169	420684	37.45	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	180894	37.59	ng		94
67) Hexachlorobenzene	16.80	284	189863	33.64	ng		96
68) Atrazine	16.94	200	178550	36.94	ng		94
69) Pentachlorophenol	17.15	266	202610	67.59	ng		96
70) Phenanthrene	17.54	178	801592	38.96	ng		99
71) Anthracene	17.63	178	823790	39.25	ng		96
72) Carbazole	17.91	167	713076	37.44	ng		98
73) Di-n-butylphthalate	18.44	149	883508	38.88	ng		98
74) Fluoranthene	19.55	202	992396	40.06	ng		95
76) Benzidine	19.74	184	528960	36.64	ng		96
77) Pyrene	19.91	202	1006446	35.10	ng		93
79) Butylbenzylphthalate	20.78	149	417570	37.77	ng		98
80) Benzo(a)anthracene	21.78	228	1019036	39.04	ng		93
81) 3,3'-Dichlorobenzidine	21.69	252	156264	14.98	ng	#	97
82) Chrysene	21.85	228	940797	37.87	ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	566985	37.46	ng		97
84) Di-n-octyl phthalate	22.90	149	977225	39.37	ng		98
85) Indeno(1,2,3-cd)pyrene	28.97	276	1206141	43.85	ng	#	100
87) Benzo(b)fluoranthene	24.07	252	1043575m	38.89	ng		
88) Benzo(k)fluoranthene	24.15	252	1014978	38.15	ng	#	99
89) Benzo(a)pyrene	24.98	252	1024678	40.21	ng	#	97
90) Dibenzo(a,h)anthracene	29.02	278	977131	38.99	ng	#	98
91) Benzo(g,h,i)perylene	30.17	276	985238	40.88	ng	#	97

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

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