Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022199.D
Acq On : 7 Jun 2016 11:20
Operator : UM/SJ
Sample : H3424-02MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CTM-2(7.5-10)MSD

Manual Integrations APPROVED
umangi
6/7/2016 7:29:05 PM

Quant Time: Jun 07 17:41:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	29593	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	144022	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	87563	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	204348	20.00	ng		0.00
75) Chrysene-d12	21.77	240	192207	20.00	ng		0.00
86) Perylene-d12	25.06	264	182838	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	218771	142.93	ng		0.00
7) Phenol-d6	7.28	99	322420	133.98	ng		0.00
23) Nitrobenzene-d5	9.29	82	168628	81.63	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	121515	122.81	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	451992	78.66	ng		0.00
78) Terphenyl-d14	20.08	244	626099	77.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	22381	30.50	ng	#	77
3) Pyridine	3.92	79	63489	32.01	ng		98
4) n-Nitrosodimethylamine	3.84	42	17054	38.46	ng		98
6) Aniline	7.44	93	74060	24.22	ng	#	81
8) 2-Chlorophenol	7.68	128	90533	42.79	ng	#	80
9) Benzaldehyde	7.26	77	5347m	4.04	ng		
10) Phenol	7.31	94	111630	44.99	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	77104	38.98	ng	#	73
12) 1,3-Dichlorobenzene	8.00	146	86962	38.35	ng	#	88
13) 1,4-Dichlorobenzene	8.15	146	88292	39.08	ng		92
14) 1,2-Dichlorobenzene	8.47	146	86617	38.03	ng		94
15) Benzyl Alcohol	8.36	79	59257	38.11	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	8.65	45	77195	37.61	ng		83
17) 2-Methylphenol	8.56	107	76693	41.42	ng	#	86
18) Hexachloroethane	9.20	117	30978	37.55	ng	#	77
19) n-Nitroso-di-n-propylamine	8.92	70	58846	36.12	ng	#	70
20) 3+4-Methylphenols	8.89	107	107368	40.43	ng		96
22) Acetophenone	8.94	105	122148	39.36	ng	#	79
24) Nitrobenzene	9.33	77	84062	40.47	ng	#	79
25) Isophorone	9.85	82	178596	36.95	ng	#	91
26) 2-Nitrophenol	10.05	139	46255	41.06	ng	#	70
27) 2,4-Dimethylphenol	10.10	122	86441	42.40	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	109269	39.46	ng		94
29) 2,4-Dichlorophenol	10.59	162	85429	45.23	ng		95
30) 1,2,4-Trichlorobenzene	10.80	180	86023	40.76	ng		92
31) Naphthalene	10.99	128	282523	39.30	ng	#	95
33) 4-Chloroaniline	11.11	127	58193	19.47	ng	#	86
34) Hexachlorobutadiene	11.26	225	45253	39.94	ng		96
35) Caprolactam	11.87	113	36865m	35.58	ng		
36) 4-Chloro-3-methylphenol	12.22	107	93613	41.81	ng	#	84
37) 2-Methylnaphthalene	12.58	142	205966	38.81	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	90195	40.01	ng		98
40) Hexachlorocyclopentadiene	12.92	237	90626	78.93	ng		98
42) 2,4,6-Trichlorophenol	13.19	196	66804	44.18	ng		98

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	71748	42.95	ng	#	95
45) 1,1'-Biphenyl	13.58	154	268202	40.70	ng		97
46) 2-Chloronaphthalene	13.63	162	208680	41.31	ng		96
47) 2-Nitroaniline	13.83	65	47920	39.78	ng	#	51
48) Acenaphthylene	14.47	152	354976	40.05	ng		97
49) Dimethylphthalate	14.19	163	315499	43.46	ng		99
50) 2,6-Dinitrotoluene	14.32	165	65172	41.29	ng	#	75
51) Acenaphthene	14.81	154	210082	39.56	ng		97
52) 3-Nitroaniline	14.66	138	44989	25.70	ng	#	81
53) 2,4-Dinitrophenol	14.87	184	21622	39.89	ng	#	67
54) Dibenzofuran	15.14	168	330794	39.92	ng		97
55) 4-Nitrophenol	14.98	139	100402	83.11	ng	#	71
56) 2,4-Dinitrotoluene	15.11	165	89042	42.06	ng	#	79
57) Fluorene	15.79	166	284794	39.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	61500	41.05	ng		99
59) Diethylphthalate	15.55	149	301954	38.93	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	132166	40.88	ng		93
61) 4-Nitroaniline	15.82	138	68401	36.84	ng	#	79
62) Azobenzene	16.07	77	239502	40.78	ng		85
64) 4,6-Dinitro-2-methylphenol	15.88	198	35878	36.15	ng	#	81
65) n-Nitrosodiphenylamine	16.00	169	243304	41.33	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	76634	40.02	ng		95
67) Hexachlorobenzene	16.79	284	86822	38.90	ng		93
68) Atrazine	16.94	200	84413	38.74	ng		97
69) Pentachlorophenol	17.15	266	75279	74.88	ng		98
70) Phenanthrene	17.53	178	439903	39.63	ng		98
71) Anthracene	17.62	178	444635	40.39	ng		98
72) Carbazole	17.89	167	406440	38.99	ng		99
73) Di-n-butylphthalate	18.43	149	533763	39.16	ng		99
74) Fluoranthene	19.54	202	493623	38.69	ng		97
76) Benzidine	19.72	184	128819	25.63	ng		97
77) Pyrene	19.90	202	491997	41.17	ng		99
79) Butylbenzylphthalate	20.76	149	230106	41.52	ng		92
80) Benzo(a)anthracene	21.75	228	429770	39.87	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	70410	23.27	ng		99
82) Chrysene	21.81	228	410065	39.10	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	332927	40.85	ng		96
84) Di-n-octyl phthalate	22.85	149	556415	41.12	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.83	276	480023	40.80	ng	#	95
87) Benzo(b)fluoranthene	24.01	252	429076	40.24	ng		97
88) Benzo(k)fluoranthene	24.08	252	414549	39.49	ng	#	96
89) Benzo(a)pyrene	24.90	252	409626	40.17	ng	#	96
90) Dibenzo(a,h)anthracene	28.89	278	398387	41.49	ng		96
91) Benzo(g,h,i)perylene	30.03	276	394910	39.53	ng	#	95

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

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