Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022922.D
Acq On : 8 Jul 2016 8:45
Operator : UM/SJ
Sample : H3900-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2MSD

Manual Integrations APPROVED
sohil
7/8/2016 7:24:25 PM

Quant Time: Jul 08 17:41:44 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	103663	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	500820	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	397210	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	948891	20.00	ng		0.00
75) Chrysene-d12	21.84	240	1029274	20.00	ng		0.00
86) Perylene-d12	25.19	264	1070674	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	1017185	160.48	ng		0.00
7) Phenol-d6	7.31	99	1531268	154.25	ng		0.00
23) Nitrobenzene-d5	9.33	82	1110986	94.99	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	835369	117.02	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	2061935	81.77	ng		0.00
78) Terphenyl-d14	20.15	244	2850978	89.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	80977	32.87	ng		94
3) Pyridine	3.97	79	208463	24.73	ng		93
4) n-Nitrosodimethylamine	3.88	42	116460	32.20	ng	#	98
6) Aniline	7.47	93	434969	31.62	ng		98
8) 2-Chlorophenol	7.72	128	258042	38.26	ng		94
9) Benzaldehyde	7.28	77	218040	32.87	ng		95
10) Phenol	7.34	94	399173	39.08	ng		89
11) bis(2-Chloroethyl)ether	7.57	93	270120	33.37	ng		95
12) 1,3-Dichlorobenzene	8.04	146	251033	30.40	ng		94
13) 1,4-Dichlorobenzene	8.19	146	265262	32.09	ng		93
14) 1,2-Dichlorobenzene	8.51	146	256835	31.25	ng		93
15) Benzyl Alcohol	8.39	79	363650	40.00	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	319476	32.31	ng		96
17) 2-Methylphenol	8.60	107	259061	38.96	ng		96
18) Hexachloroethane	9.25	117	105123	30.13	ng		93
19) n-Nitroso-di-n-propylamine	8.96	70	295487	33.02	ng		94
20) 3+4-Methylphenols	8.92	107	364036	39.26	ng		91
22) Acetophenone	8.98	105	470919	31.33	ng	#	95
24) Nitrobenzene	9.37	77	414031	33.31	ng		95
25) Isophorone	9.89	82	784456	33.35	ng	#	95
26) 2-Nitrophenol	10.09	139	168656	34.58	ng		88
27) 2,4-Dimethylphenol	10.13	122	291144	34.54	ng		91
28) bis(2-Chloroethoxy)methane	10.37	93	427772	32.61	ng		99
29) 2,4-Dichlorophenol	10.63	162	322820	35.91	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	324615	31.51	ng		97
31) Naphthalene	11.03	128	818141	32.09	ng		99
32) Benzoic acid	10.23	122	85277	11.12	ng		96
33) 4-Chloroaniline	11.14	127	322473	25.87	ng		97
34) Hexachlorobutadiene	11.31	225	239648	28.69	ng		96
35) Caprolactam	11.91	113	112704m	30.47	ng		
36) 4-Chloro-3-methylphenol	12.26	107	405779	33.00	ng		92
37) 2-Methylnaphthalene	12.63	142	658996	32.70	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	440385	25.73	ng		99
40) Hexachlorocyclopentadiene	12.97	237	781074	79.26	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	326472	33.18	ng		95
43) 2,4,5-Trichlorophenol	13.31	196	347948	34.44	ng		94
45) 1,1'-Biphenyl	13.63	154	942383	31.62	ng		97
46) 2-Chloronaphthalene	13.68	162	759712	31.42	ng		97
47) 2-Nitroaniline	13.88	65	326376	31.64	ng		92
48) Acenaphthylene	14.52	152	1163911	32.09	ng		99
49) Dimethylphthalate	14.24	163	1462825	45.08	ng		99
50) 2,6-Dinitrotoluene	14.37	165	242420	33.24	ng	#	80
51) Acenaphthene	14.86	154	751579	31.71	ng		98
52) 3-Nitroaniline	14.71	138	194197	26.71	ng		93
53) 2,4-Dinitrophenol	14.91	184	384194	76.79	ng		93
54) Dibenzofuran	15.19	168	1220618	34.41	ng		97
55) 4-Nitrophenol	15.02	139	503125	82.55	ng		96
56) 2,4-Dinitrotoluene	15.16	165	349239	32.85	ng		93
57) Fluorene	15.85	166	999052	32.72	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	357247m	35.34	ng		
59) Diethylphthalate	15.60	149	1097598	33.25	ng		98
60) 4-Chlorophenyl-phenylether	15.83	204	577882	31.08	ng		96
61) 4-Nitroaniline	15.87	138	228450	29.04	ng		90
62) Azobenzene	16.13	77	1135089	35.95	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	231046	32.76	ng		93
65) n-Nitrosodiphenylamine	16.05	169	935203	34.21	ng		98
66) 4-Bromophenyl-phenylether	16.73	248	400399	32.43	ng		95
67) Hexachlorobenzene	16.85	284	421467	31.40	ng		98
68) Atrazine	17.00	200	389144	32.09	ng		96
69) Pentachlorophenol	17.20	266	731471	84.15	ng		100
70) Phenanthrene	17.60	178	1592631	34.25	ng		99
71) Anthracene	17.69	178	1615414	34.31	ng		98
72) Carbazole	17.96	167	1416540	34.82	ng		99
73) Di-n-butylphthalate	18.50	149	1607137	35.52	ng		97
74) Fluoranthene	19.60	202	1840375	32.25	ng		98
76) Benzidine	19.78	184	1672621	56.68	ng		97
77) Pyrene	19.96	202	1850037	31.99	ng		97
79) Butylbenzylphthalate	20.83	149	775420	33.85	ng		95
80) Benzo(a)anthracene	21.83	228	1926325	33.45	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	602461	23.83	ng		99
82) Chrysene	21.89	228	1827012	33.82	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1052373	33.08	ng		97
84) Di-n-octyl phthalate	22.95	149	1767659	33.32	ng		97
85) Indeno(1,2,3-cd)pyrene	29.03	276	2289416	33.24	ng	#	100
87) Benzo(b)fluoranthene	24.12	252	2042617	33.07	ng		99
88) Benzo(k)fluoranthene	24.19	252	1942568	33.14	ng	#	99
89) Benzo(a)pyrene	25.03	252	1955709	33.03	ng		98
90) Dibenzo(a,h)anthracene	29.11	278	1910893	32.51	ng	#	97
91) Benzo(g,h,i)perylene	30.23	276	1889413	32.10	ng		96

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

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