Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070816\
Data File : BG022921.D
Acq On : 8 Jul 2016 8:05
Operator : UM/SJ
Sample : H3900-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2MS

Manual Integrations APPROVED
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7/8/2016 7:23:27 PM

Quant Time: Jul 08 17:40:05 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	101747	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	458217	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	357105	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	903364	20.00	ng		0.00
75) Chrysene-d12	21.84	240	980281	20.00	ng		0.00
86) Perylene-d12	25.19	264	1001936	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	725033	116.54	ng		0.00
7) Phenol-d6	7.31	99	1171960	120.28	ng		0.00
23) Nitrobenzene-d5	9.32	82	823781	76.98	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	685080	106.74	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1696758	74.84	ng		0.00
78) Terphenyl-d14	20.15	244	2519516	79.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	63559	26.28	ng		97
3) Pyridine	3.97	79	175451	21.20	ng	#	92
4) n-Nitrosodimethylamine	3.88	42	101236	28.52	ng	#	89
6) Aniline	7.47	93	352383	26.10	ng		94
8) 2-Chlorophenol	7.71	128	215458	32.54	ng		97
9) Benzaldehyde	7.29	77	182916	28.09	ng		94
10) Phenol	7.33	94	333510	33.27	ng		91
11) bis(2-Chloroethyl)ether	7.56	93	224713	28.28	ng		94
12) 1,3-Dichlorobenzene	8.04	146	213011	26.28	ng		97
13) 1,4-Dichlorobenzene	8.19	146	220852	27.22	ng		92
14) 1,2-Dichlorobenzene	8.51	146	216964	26.90	ng		91
15) Benzyl Alcohol	8.39	79	297895	33.38	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	262791	27.07	ng		98
17) 2-Methylphenol	8.60	107	213021	32.64	ng		96
18) Hexachloroethane	9.24	117	90751	26.50	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	245608	27.96	ng		93
20) 3+4-Methylphenols	8.92	107	306242	33.65	ng		95
22) Acetophenone	8.98	105	397216	28.88	ng	#	96
24) Nitrobenzene	9.37	77	346298	30.45	ng		95
25) Isophorone	9.89	82	654385	30.40	ng		98
26) 2-Nitrophenol	10.09	139	138041	30.94	ng		93
27) 2,4-Dimethylphenol	10.14	122	233806	30.31	ng		87
28) bis(2-Chloroethoxy)methane	10.37	93	353954	29.49	ng		99
29) 2,4-Dichlorophenol	10.62	162	272453	33.12	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	269925	28.64	ng		98
31) Naphthalene	11.03	128	691608	29.65	ng		99
32) Benzoic acid	10.22	122	73083	10.42	ng		94
33) 4-Chloroaniline	11.14	127	272396	23.88	ng		96
34) Hexachlorobutadiene	11.31	225	202631	26.52	ng		91
35) Caprolactam	11.95	113	98927m	29.23	ng		
36) 4-Chloro-3-methylphenol	12.26	107	348742	31.00	ng		95
37) 2-Methylnaphthalene	12.63	142	549723	29.82	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	368189	23.93	ng		99
40) Hexachlorocyclopentadiene	12.97	237	638033	72.02	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	276765	31.29	ng		99
43) 2,4,5-Trichlorophenol	13.31	196	288620	31.78	ng		91
45) 1,1'-Biphenyl	13.63	154	796922	29.74	ng		99
46) 2-Chloronaphthalene	13.68	162	644417	29.65	ng		96
47) 2-Nitroaniline	13.88	65	280200	30.21	ng		100
48) Acenaphthylene	14.52	152	988311	30.31	ng		98
49) Dimethylphthalate	14.24	163	1223766	41.95	ng		98
50) 2,6-Dinitrotoluene	14.37	165	205699	31.38	ng		86
51) Acenaphthene	14.86	154	649679	30.49	ng		96
52) 3-Nitroaniline	14.70	138	176453	26.99	ng		95
53) 2,4-Dinitrophenol	14.91	184	292066	64.93	ng		95
54) Dibenzofuran	15.19	168	1050984	32.95	ng		98
55) 4-Nitrophenol	15.02	139	410574	74.93	ng		97
56) 2,4-Dinitrotoluene	15.15	165	298381	31.22	ng		94
57) Fluorene	15.85	166	834298	30.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	304701	33.53	ng	#	98
59) Diethylphthalate	15.61	149	931230	31.38	ng		99
60) 4-Chlorophenyl-phenylether	15.83	204	487456	29.16	ng		97
61) 4-Nitroaniline	15.87	138	193194	27.31	ng		91
62) Azobenzene	16.13	77	963306	33.93	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	193017	28.75	ng		98
65) n-Nitrosodiphenylamine	16.05	169	787183	30.25	ng		97
66) 4-Bromophenyl-phenylether	16.73	248	334346	28.45	ng		97
67) Hexachlorobenzene	16.85	284	354957	27.78	ng		96
68) Atrazine	17.00	200	342937	29.71	ng		97
69) Pentachlorophenol	17.20	266	607755	73.44	ng		99
70) Phenanthrene	17.60	178	1397557	31.57	ng		98
71) Anthracene	17.68	178	1404507	31.33	ng		99
72) Carbazole	17.96	167	1221718	31.54	ng		98
73) Di-n-butylphthalate	18.50	149	1423764	33.05	ng		99
74) Fluoranthene	19.60	202	1655308	30.47	ng		97
76) Benzidine	19.78	184	1334368	47.48	ng		99
77) Pyrene	19.96	202	1653493	30.02	ng		97
79) Butylbenzylphthalate	20.83	149	666659	30.55	ng		98
80) Benzo(a)anthracene	21.82	228	1717215	31.31	ng		96
81) 3,3'-Dichlorobenzidine	21.73	252	518549	21.54	ng	#	93
82) Chrysene	21.89	228	1613526	31.36	ng		97
83) Bis(2-ethylhexyl)phthalate	21.70	149	934755	30.85	ng		99
84) Di-n-octyl phthalate	22.96	149	1576427	31.20	ng		97
85) Indeno(1,2,3-cd)pyrene	29.02	276	1998987	30.47	ng	#	100
87) Benzo(b)fluoranthene	24.12	252	1823736	31.55	ng		97
88) Benzo(k)fluoranthene	24.20	252	1717584	31.31	ng	#	98
89) Benzo(a)pyrene	25.04	252	1755846	31.69	ng		100
90) Dibenzo(a,h)anthracene	29.10	278	1657663	30.14	ng	#	94
91) Benzo(g,h,i)perylene	30.23	276	1674126	30.40	ng		99

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

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