Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082416\
Data File : BG023884.D
Acq On : 24 Aug 2016 14:56
Operator : UM/SJ
Sample : PB93011BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB93011BS

Manual Integrations APPROVED
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Quant Time: Aug 24 17:49:00 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 24 17:42:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	148556	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	601529	20.00	ng		0.00
38) Acenaphthene-d10	14.77	164	371332	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	845046	20.00	ng		0.00
75) Chrysene-d12	21.84	240	876458	20.00	ng		0.00
86) Perylene-d12	25.23	264	892680	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1017948	115.34	ng		0.00
7) Phenol-d6	7.27	99	1424354	103.62	ng		0.02
23) Nitrobenzene-d5	9.29	82	958291	79.20	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	500514	92.15	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1731773	78.66	ng		0.00
78) Terphenyl-d14	20.14	244	2295429	81.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	114509	30.45	ng		89
3) Pyridine	3.91	79	370474	29.98	ng		93
4) n-Nitrosodimethylamine	3.83	42	178944	39.06	ng	#	84
6) Aniline	7.43	93	352011	17.72	ng		94
8) 2-Chlorophenol	7.67	128	368688	36.36	ng		100
9) Benzaldehyde	7.24	77	102421	10.21	ng		94
10) Phenol	7.29	94	525127	35.71	ng		84
11) bis(2-Chloroethyl)ether	7.52	93	387187	33.01	ng		89
12) 1,3-Dichlorobenzene	7.99	146	397063	34.21	ng		93
13) 1,4-Dichlorobenzene	8.15	146	398763	33.56	ng		98
14) 1,2-Dichlorobenzene	8.46	146	387350	33.23	ng		95
15) Benzyl Alcohol	8.35	79	411923	39.55	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.64	45	551385	31.96	ng		92
17) 2-Methylphenol	8.56	107	338781	34.36	ng	#	89
18) Hexachloroethane	9.20	117	154381	34.51	ng		96
19) n-Nitroso-di-n-propylamine	8.92	70	362844	30.69	ng		99
20) 3+4-Methylphenols	8.89	107	473264	34.05	ng		87
22) Acetophenone	8.94	105	528813	32.11	ng	#	91
24) Nitrobenzene	9.33	77	518615	38.71	ng	#	91
25) Isophorone	9.85	82	909707	36.10	ng	#	95
26) 2-Nitrophenol	10.05	139	215096	38.04	ng	#	79
27) 2,4-Dimethylphenol	10.10	122	361166	37.51	ng		89
28) bis(2-Chloroethoxy)methane	10.33	93	533682	35.23	ng		99
29) 2,4-Dichlorophenol	10.59	162	379777	39.23	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	386298	37.00	ng		97
31) Naphthalene	10.99	128	1090580	35.60	ng		99
32) Benzoic acid	10.25	122	191572	25.15	ng		89
33) 4-Chloroaniline	11.11	127	151297	10.33	ng		93
34) Hexachlorobutadiene	11.26	225	261958	38.15	ng		95
35) Caprolactam	11.89	113	124644m	30.60	ng		
36) 4-Chloro-3-methylphenol	12.23	107	428029	33.65	ng		93
37) 2-Methylnaphthalene	12.60	142	793649	34.08	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	392532	29.15	ng		99
40) Hexachlorocyclopentadiene	12.93	237	389354	57.34	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	286388	35.70	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	298379	36.13	ng		91
45) 1,1'-Biphenyl	13.60	154	933580	32.89	ng		97
46) 2-Chloronaphthalene	13.65	162	808141	36.80	ng		97
47) 2-Nitroaniline	13.86	65	329052	36.09	ng		93
48) Acenaphthylene	14.50	152	1268785	36.55	ng		98
49) Dimethylphthalate	14.22	163	1044411	36.66	ng		98
50) 2,6-Dinitrotoluene	14.35	165	239620	35.51	ng	#	82
51) Acenaphthene	14.84	154	793814	36.10	ng		96
52) 3-Nitroaniline	14.69	138	112926	14.84	ng		80
53) 2,4-Dinitrophenol	14.91	184	241345	55.80	ng		91
54) Dibenzofuran	15.17	168	1235248	38.69	ng		97
55) 4-Nitrophenol	15.01	139	352614	59.01	ng	#	82
56) 2,4-Dinitrotoluene	15.15	165	348376	36.79	ng		94
57) Fluorene	15.82	166	1007228	36.15	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	281681	37.17	ng		92
59) Diethylphthalate	15.58	149	1070379	37.01	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	505442	34.28	ng		99
61) 4-Nitroaniline	15.86	138	244378	30.17	ng	#	65
62) Azobenzene	16.11	77	1184650	40.41	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	188161	32.75	ng		91
65) n-Nitrosodiphenylamine	16.03	169	910203	36.72	ng		96
66) 4-Bromophenyl-phenylether	16.71	248	344693	35.00	ng		96
67) Hexachlorobenzene	16.83	284	365024	33.88	ng		95
68) Atrazine	16.97	200	353794	37.17	ng		95
69) Pentachlorophenol	17.19	266	366936	58.41	ng		98
70) Phenanthrene	17.57	178	1564917	36.50	ng		99
71) Anthracene	17.67	178	1600567	37.11	ng		100
72) Carbazole	17.94	167	1468554	38.78	ng		99
73) Di-n-butylphthalate	18.48	149	1717316	44.66	ng		98
74) Fluoranthene	19.59	202	1816491	45.06	ng		96
76) Benzidine	19.77	184	771239	31.65	ng		98
77) Pyrene	19.95	202	1859131	35.62	ng		98
79) Butylbenzylphthalate	20.82	149	836099	39.62	ng		98
80) Benzo(a)anthracene	21.83	228	1794137	37.08	ng		98
81) 3,3'-Dichlorobenzidine	21.73	252	369875	18.64	ng	#	96
82) Chrysene	21.90	228	1670267	36.29	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1152612	39.88	ng	#	98
84) Di-n-octyl phthalate	22.96	149	1945606	39.44	ng		100
85) Indeno(1,2,3-cd)pyrene	29.11	276	2053093	35.70	ng	#	100
87) Benzo(b)fluoranthene	24.15	252	1823048	36.30	ng	#	98
88) Benzo(k)fluoranthene	24.22	252	1761205	36.51	ng	#	97
89) Benzo(a)pyrene	25.07	252	1784194	37.35	ng	#	95
90) Dibenzo(a,h)anthracene	29.17	278	1733546	35.53	ng	#	91
91) Benzo(g,h,i)perylene	30.33	276	1691223	34.42	ng	#	93

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

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