Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030546.D
Acq On : 29 Oct 2017 4:01
Operator : SJ/JU
Sample : I6080-15MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-7-FILL(4-7)MS

Manual Integrations APPROVED
Sohil
10/30/2017 6:26:16 PM

Quant Time: Oct 30 07:37:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	70843	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	304212	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	207514	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	531183	20.00	ng		0.00
75) Chrysene-d12	21.79	240	568102	20.00	ng		0.00
86) Perylene-d12	25.11	264	575548	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	617218	145.55	ng		0.00
7) Phenol-d6	7.32	99	760390	127.74	ng		0.00
23) Nitrobenzene-d5	9.33	82	514488	107.47	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	478317	178.53	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1324350	93.60	ng		0.00
78) Terphenyl-d14	20.11	244	2284228	91.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	79683	46.311	ng	#	81
3) Pyridine	4.00	79	201214	40.158	ng		90
4) n-Nitrosodimethylamine	3.90	42	104864	44.772	ng	#	89
6) Aniline	7.49	93	213467	28.961	ng		96
8) 2-Chlorophenol	7.73	128	231971	47.723	ng		92
9) Benzaldehyde	7.29	77	114342	38.191	ng		95
10) Phenol	7.35	94	275353	42.908	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	223053	47.707	ng		93
12) 1,3-Dichlorobenzene	8.05	146	252852	46.333	ng		97
13) 1,4-Dichlorobenzene	8.20	146	255865	45.922	ng		93
14) 1,2-Dichlorobenzene	8.52	146	245052	45.598	ng		98
15) Benzyl Alcohol	8.40	79	218177	52.012	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	355894	44.821	ng		95
17) 2-Methylphenol	8.60	107	207439	48.661	ng		96
18) Hexachloroethane	9.26	117	90715	47.776	ng		95
19) n-Nitroso-di-n-propylamine	8.97	70	186315	46.034	ng	#	97
20) 3+4-Methylphenols	8.93	107	284515	47.366	ng		95
22) Acetophenone	8.99	105	354018	48.288	ng	#	95
24) Nitrobenzene	9.37	77	265447	49.316	ng		91
25) Isophorone	9.90	82	539686	54.002	ng	#	94
26) 2-Nitrophenol	10.09	139	138077	53.673	ng		89
27) 2,4-Dimethylphenol	10.14	122	241614	51.910	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	325563	53.126	ng		99
29) 2,4-Dichlorophenol	10.63	162	262216	52.830	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	267212	49.833	ng		99
31) Naphthalene	11.04	128	731540	48.250	ng		99
32) Benzoic acid	10.24	122	44677	11.464	ng	#	83
33) 4-Chloroaniline	11.14	127	70532	11.059	ng		94
34) Hexachlorobutadiene	11.31	225	163232	48.961	ng		94
35) Caprolactam	11.91	113	84110m	50.990	ng		
36) 4-Chloro-3-methylphenol	12.25	107	292233	53.533	ng		89
37) 2-Methylnaphthalene	12.63	142	570782	51.655	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	316008	41.710	ng		98
40) Hexachlorocyclopentadiene	12.97	237	305442	104.883	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	239413	50.338	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	263815	54.011	ng		96
45) 1,1'-Biphenyl	13.62	154	785342	44.030	ng		98
46) 2-Chloronaphthalene	13.67	162	605960	46.576	ng		97
47) 2-Nitroaniline	13.86	65	205839	57.601	ng	#	83
48) Acenaphthylene	14.51	152	984327	48.343	ng		97
49) Dimethylphthalate	14.23	163	912998	56.390	ng		99
50) 2,6-Dinitrotoluene	14.36	165	199946	58.910	ng	#	79
51) Acenaphthene	14.85	154	609075	45.975	ng		99
52) 3-Nitroaniline	14.69	138	125514	34.270	ng	#	76
53) 2,4-Dinitrophenol	14.89	184	87523	49.578	ng	#	54
54) Dibenzofuran	15.18	168	989215	52.305	ng		97
55) 4-Nitrophenol	14.99	139	297412	98.499	ng	#	80
56) 2,4-Dinitrotoluene	15.14	165	284056	61.824	ng	#	79
57) Fluorene	15.83	166	796626	50.989	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	265703	65.202	ng		94
59) Diethylphthalate	15.58	149	890438	55.184	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	452636	54.338	ng		93
61) 4-Nitroaniline	15.85	138	218988	58.230	ng		82
62) Azobenzene	16.11	77	768765	56.499	ng		96
64) 4,6-Dinitro-2-methylphenol	15.91	198	98926	34.338	ng		85
65) n-Nitrosodiphenylamine	16.02	169	759583	47.736	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	307621	50.469	ng		99
67) Hexachlorobenzene	16.83	284	330739	47.904	ng		97
68) Atrazine	16.97	200	308920	54.410	ng		99
69) Pentachlorophenol	17.18	266	323676	81.610	ng		98
70) Phenanthrene	17.56	178	1349740	49.187	ng		96
71) Anthracene	17.66	178	1378655	50.034	ng		97
72) Carbazole	17.92	167	1300321	49.126	ng		98
73) Di-n-butylphthalate	18.46	149	1499175	49.246	ng		98
74) Fluoranthene	19.56	202	1651666	51.460	ng		95
76) Benzidine	19.73	184	367690	21.436	ng		98
77) Pyrene	19.92	202	1686645	48.942	ng		95
79) Butylbenzylphthalate	20.79	149	726739	49.498	ng		90
80) Benzo(a)anthracene	21.78	228	1709243	51.245	ng		96
81) 3,3'-Dichlorobenzidine	21.68	252	429874	31.225	ng		96
82) Chrysene	21.85	228	1604714	50.237	ng		96
83) Bis(2-ethylhexyl)phthalate	21.66	149	1010757	47.969	ng		99
84) Di-n-octyl phthalate	22.90	149	1726460	47.012	ng		97
85) Indeno(1,2,3-cd)pyrene	28.91	276	2095431	53.321	ng		98
87) Benzo(b)fluoranthene	24.06	252	1786375	54.214	ng		99
88) Benzo(k)fluoranthene	24.13	252	1670982	50.902	ng		97
89) Benzo(a)pyrene	24.96	252	1695341	53.520	ng		99
90) Dibenzo(a,h)anthracene	28.97	278	1751194	54.606	ng		98
91) Benzo(g,h,i)perylene	30.10	276	1738379	58.340	ng		98

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

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