Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032860.D
Acq On : 27 Feb 2018 18:33
Operator : SJ/JU
Sample : J1688-06MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMS

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:37 PM

Quant Time: Feb 28 03:07:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	71274	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	312537	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	185291	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	408238	20.00	ng		0.00
75) Chrysene-d12	22.63	240	381214	20.00	ng		0.00
86) Perylene-d12	26.43	264	410691	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	622971	139.84	ng		0.00
7) Phenol-d6	8.02	99	753160	121.29	ng		0.00
23) Nitrobenzene-d5	10.12	82	533217	114.50	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	324782	166.70	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1191851	92.77	ng		0.00
78) Terphenyl-d14	20.78	244	1683766	99.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	74962	38.771	ng		89
3) Pyridine	4.44	79	170850	32.060	ng		94
4) n-Nitrosodimethylamine	4.33	42	104264	48.800	ng	#	95
6) Aniline	8.21	93	107249	12.759	ng		95
8) 2-Chlorophenol	8.47	128	237240	48.652	ng		92
9) Benzaldehyde	8.02	77	97310	27.190	ng		92
10) Phenol	8.05	94	256246	40.936	ng		90
11) bis(2-Chloroethyl)ether	8.30	93	224736	43.906	ng		94
12) 1,3-Dichlorobenzene	8.81	146	238397	41.741	ng		97
13) 1,4-Dichlorobenzene	8.96	146	242169	42.124	ng		94
14) 1,2-Dichlorobenzene	9.29	146	231090	41.947	ng		96
15) Benzyl Alcohol	9.15	79	209494	45.890	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.45	45	364581	41.433	ng		96
17) 2-Methylphenol	9.35	107	202575	43.886	ng		94
18) Hexachloroethane	10.05	117	87429	44.665	ng	#	83
19) n-Nitroso-di-n-propylamine	9.73	70	188272	42.946	ng	#	97
20) 3+4-Methylphenols	9.68	107	276478	43.078	ng		94
22) Acetophenone	9.77	105	351498	44.532	ng	#	94
24) Nitrobenzene	10.17	77	258551	51.359	ng		90
25) Isophorone	10.69	82	519819	47.386	ng	#	94
26) 2-Nitrophenol	10.89	139	123475	63.057	ng		90
27) 2,4-Dimethylphenol	10.92	122	261584	54.892	ng		88
28) bis(2-Chloroethoxy)methane	11.16	93	314799	49.260	ng		95
29) 2,4-Dichlorophenol	11.43	162	226836	52.447	ng		96
30) 1,2,4-Trichlorobenzene	11.66	180	219613	43.317	ng		97
31) Naphthalene	11.86	128	770266	47.165	ng		99
32) Benzoic acid	11.02	122	111383	40.528	ng	#	84
33) 4-Chloroaniline	11.95	127	68292	9.352	ng		95
34) Hexachlorobutadiene	12.12	225	114675	40.325	ng		95
35) Caprolactam	12.69	113	67335	38.881	ng	#	84
36) 4-Chloro-3-methylphenol	13.00	107	273441	54.328	ng		91
37) 2-Methylnaphthalene	13.41	142	551536	46.680	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	227632	41.384	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	247676	88.354	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	177295	51.112	ng		96
43) 2,4,5-Trichlorophenol	14.05	196	197033	49.078	ng		98
45) 1,1'-Biphenyl	14.38	154	692949	42.797	ng		94
46) 2-Chloronaphthalene	14.44	162	522359	43.188	ng		98
47) 2-Nitroaniline	14.61	65	184243	57.861	ng		90
48) Acenaphthylene	15.27	152	868764	43.872	ng		98
49) Dimethylphthalate	14.97	163	709141	45.074	ng		99
50) 2,6-Dinitrotoluene	15.09	165	157745	58.245	ng		89
51) Acenaphthene	15.60	154	577368	46.817	ng		98
52) 3-Nitroaniline	15.42	138	70743	26.052	ng	#	83
53) 2,4-Dinitrophenol	15.62	184	84509	95.589	ng	#	22
54) Dibenzofuran	15.93	168	823665	46.906	ng		94
55) 4-Nitrophenol	15.69	139	239731	91.895	ng	#	79
56) 2,4-Dinitrotoluene	15.86	165	217622	64.982	ng		86
57) Fluorene	16.57	166	666973	46.019	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	168483m	54.053	ng		
59) Diethylphthalate	16.30	149	752042	45.320	ng		99
60) 4-Chlorophenyl-phenylether	16.55	204	328611	46.348	ng		92
61) 4-Nitroaniline	16.57	138	153928	45.504	ng		83
62) Azobenzene	16.84	77	684551	46.112	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	78899	60.174	ng		97
65) n-Nitrosodiphenylamine	16.76	169	623545	46.952	ng		98
66) 4-Bromophenyl-phenylether	17.44	248	197806	45.824	ng	#	88
67) Hexachlorobenzene	17.57	284	206718	44.314	ng	#	92
68) Atrazine	17.68	200	212301	48.565	ng		96
69) Pentachlorophenol	17.90	266	251114	85.462	ng		99
70) Phenanthrene	18.31	178	1060330	46.555	ng		97
71) Anthracene	18.40	178	1069267	46.763	ng		98
72) Carbazole	18.65	167	1012792	44.938	ng	#	96
73) Di-n-butylphthalate	19.15	149	1262514	45.662	ng		98
74) Fluoranthene	20.26	202	1172757	46.615	ng		94
76) Benzidine	20.41	184	56698	4.363	ng		98
77) Pyrene	20.62	202	1179674	43.881	ng		96
79) Butylbenzylphthalate	21.48	149	600817	50.408	ng		92
80) Benzo(a)anthracene	22.60	228	1148252	46.972	ng		98
81) 3,3'-Dichlorobenzidine	22.48	252	140060	15.470	ng	#	97
82) Chrysene	22.68	228	1064066	45.567	ng		96
83) Bis(2-ethylhexyl)phthalate	22.44	149	854756	48.447	ng	#	97
84) Di-n-octyl phthalate	23.87	149	1466581	54.535	ng		98
85) Indeno(1,2,3-cd)pyrene	30.87	276	1329376	48.814	ng		99
87) Benzo(b)fluoranthene	25.21	252	1156554	47.628	ng	#	96
88) Benzo(k)fluoranthene	25.29	252	1128262	46.751	ng	#	95
89) Benzo(a)pyrene	26.26	252	1117233	48.373	ng	#	96
90) Dibenzo(a,h)anthracene	30.96	278	1102856	47.439	ng	#	93
91) Benzo(g,h,i)perylene	32.27	276	1076587	46.977	ng	#	91

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

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