Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
Data File : BG032861.D
Acq On : 27 Feb 2018 19:11
Operator : SJ/JU
Sample : J1688-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
T-3-ROADMSD

Manual Integrations APPROVED
Sohil
2/28/2018 1:01:40 PM

Quant Time: Feb 28 03:10:53 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	81251	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	355448	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	205249	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	440143	20.00	ng		0.00
75) Chrysene-d12	22.63	240	402590	20.00	ng		0.00
86) Perylene-d12	26.43	264	434377	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	620292	122.14	ng		0.00
7) Phenol-d6	8.02	99	754464	106.58	ng		0.00
23) Nitrobenzene-d5	10.12	82	531209	101.53	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	306566	142.05	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1159022	81.44	ng		0.00
78) Terphenyl-d14	20.78	244	1612571	89.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	82861	37.594	ng		90
3) Pyridine	4.44	79	199826	32.893	ng		95
4) n-Nitrosodimethylamine	4.33	42	118535	48.667	ng	#	94
6) Aniline	8.21	93	147958	15.441	ng		96
8) 2-Chlorophenol	8.47	128	268514	48.304	ng		92
9) Benzaldehyde	8.02	77	117415	28.779	ng		92
10) Phenol	8.05	94	291646	40.870	ng		90
11) bis(2-Chloroethyl)ether	8.30	93	256945	44.034	ng		93
12) 1,3-Dichlorobenzene	8.81	146	277020	42.547	ng		97
13) 1,4-Dichlorobenzene	8.96	146	279586	42.660	ng		95
14) 1,2-Dichlorobenzene	9.29	146	264403	42.100	ng		96
15) Benzyl Alcohol	9.16	79	235566	45.265	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.45	45	414381	41.310	ng		96
17) 2-Methylphenol	9.35	107	227402	43.215	ng		95
18) Hexachloroethane	10.05	117	102645	46.000	ng	#	85
19) n-Nitroso-di-n-propylamine	9.74	70	211161	42.253	ng	#	96
20) 3+4-Methylphenols	9.68	107	317279	43.365	ng		94
22) Acetophenone	9.77	105	395650	44.075	ng	#	94
24) Nitrobenzene	10.17	77	290285	50.783	ng		90
25) Isophorone	10.69	82	585624	46.940	ng	#	92
26) 2-Nitrophenol	10.89	139	141982	63.550	ng		89
27) 2,4-Dimethylphenol	10.92	122	292857	54.035	ng		89
28) bis(2-Chloroethoxy)methane	11.17	93	356497	49.050	ng		95
29) 2,4-Dichlorophenol	11.43	162	257003	52.248	ng		94
30) 1,2,4-Trichlorobenzene	11.66	180	250984	43.528	ng		96
31) Naphthalene	11.86	128	861575	46.387	ng		99
32) Benzoic acid	10.98	122	30952m	16.072	ng		
33) 4-Chloroaniline	11.95	127	101061	12.169	ng		95
34) Hexachlorobutadiene	12.12	225	132344	40.919	ng		98
35) Caprolactam	12.69	113	73684	37.411	ng		91
36) 4-Chloro-3-methylphenol	13.00	107	304104	53.126	ng		91
37) 2-Methylnaphthalene	13.41	142	619575	46.108	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	256718	42.134	ng	#	96
40) Hexachlorocyclopentadiene	13.74	237	288237	92.825	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	198558	51.676	ng		96
43) 2,4,5-Trichlorophenol	14.05	196	217620	48.935	ng	#	98
45) 1,1'-Biphenyl	14.38	154	773532	43.128	ng		93
46) 2-Chloronaphthalene	14.44	162	584363	43.616	ng		98
47) 2-Nitroaniline	14.61	65	204196	57.886	ng		91
48) Acenaphthylene	15.27	152	952281	43.414	ng		96
49) Dimethylphthalate	14.97	163	767991	44.068	ng		99
50) 2,6-Dinitrotoluene	15.09	165	172657	57.658	ng		91
51) Acenaphthene	15.60	154	618628	45.285	ng		98
52) 3-Nitroaniline	15.42	138	86607	27.999	ng	#	81
53) 2,4-Dinitrophenol	15.62	184	58150	67.905	ng	#	1
54) Dibenzofuran	15.93	168	894174	45.969	ng		93
55) 4-Nitrophenol	15.69	139	247006	85.971	ng	#	78
56) 2,4-Dinitrotoluene	15.86	165	236455	64.057	ng		86
57) Fluorene	16.57	166	727596	45.320	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	187079m	54.183	ng		
59) Diethylphthalate	16.30	149	810512	44.094	ng		99
60) 4-Chlorophenyl-phenylether	16.55	204	357365	45.503	ng		92
61) 4-Nitroaniline	16.58	138	171555	45.750	ng	#	80
62) Azobenzene	16.84	77	741448	45.088	ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	61776	48.189	ng		98
65) n-Nitrosodiphenylamine	16.76	169	671913	46.926	ng		96
66) 4-Bromophenyl-phenylether	17.44	248	217848	46.808	ng	#	88
67) Hexachlorobenzene	17.57	284	223157	44.370	ng		95
68) Atrazine	17.68	200	225910	47.932	ng		96
69) Pentachlorophenol	17.90	266	227702	71.877	ng		98
70) Phenanthrene	18.31	178	1125684	45.842	ng		96
71) Anthracene	18.40	178	1143400	46.381	ng		97
72) Carbazole	18.65	167	1074397	44.215	ng	#	96
73) Di-n-butylphthalate	19.15	149	1327999	44.548	ng		98
74) Fluoranthene	20.26	202	1240255	45.724	ng		92
76) Benzidine	20.41	184	164438	11.983	ng		97
77) Pyrene	20.62	202	1251179	44.070	ng		95
79) Butylbenzylphthalate	21.48	149	634757	50.427	ng		93
80) Benzo(a)anthracene	22.60	228	1198861	46.438	ng		98
81) 3,3'-Dichlorobenzidine	22.48	252	177748	18.590	ng	#	97
82) Chrysene	22.68	228	1123010	45.538	ng		96
83) Bis(2-ethylhexyl)phthalate	22.44	149	901914	48.405	ng	#	98
84) Di-n-octyl phthalate	23.87	149	1538418	54.169	ng		98
85) Indeno(1,2,3-cd)pyrene	30.88	276	1381758	48.044	ng		94
87) Benzo(b)fluoranthene	25.21	252	1217578	47.407	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	1173688	45.982	ng	#	94
89) Benzo(a)pyrene	26.26	252	1172141	47.983	ng	#	95
90) Dibenzo(a,h)anthracene	30.96	278	1159257	47.146	ng	#	93
91) Benzo(g,h,i)perylene	32.27	276	1147720	47.350	ng	#	91

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

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