Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033531.D
Acq On : 3 Apr 2018 18:28
Operator : SJ/JU
Sample : PB107894BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107894BS

Manual Integrations APPROVED
Sohil
4/4/2018 4:10:51 PM

Quant Time: Apr 04 04:01:36 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	34629	20.00	ng		-0.01
21) Naphthalene-d8	11.74	136	154513	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	118611	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	318225	20.00	ng		0.00
75) Chrysene-d12	22.55	240	323459	20.00	ng		0.00
86) Perylene-d12	26.31	264	348975	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	275981	149.44	ng		0.00
7) Phenol-d6	7.98	99	447523	141.04	ng		0.00
23) Nitrobenzene-d5	10.06	82	276302	82.16	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	220648	124.38	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	689935	83.97	ng		0.00
78) Terphenyl-d14	20.73	244	1271731	84.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	32207	34.341	ng	#	83
3) Pyridine	4.39	79	85398	32.940	ng		99
4) n-Nitrosodimethylamine	4.29	42	46428	43.638	ng	#	76
6) Aniline	8.16	93	32528	8.717	ng	#	96
8) 2-Chlorophenol	8.41	128	100999	47.839	ng		97
9) Benzaldehyde	7.97	77	37563m	18.627	ng		
10) Phenol	8.01	94	150566	48.060	ng		91
11) bis(2-Chloroethyl)ether	8.25	93	93890	36.717	ng		99
12) 1,3-Dichlorobenzene	8.75	146	100623	36.455	ng		90
13) 1,4-Dichlorobenzene	8.90	146	99324	35.931	ng		94
14) 1,2-Dichlorobenzene	9.23	146	102591	38.025	ng		98
15) Benzyl Alcohol	9.10	79	107808	43.153	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.38	45	166417	39.921	ng		89
17) 2-Methylphenol	9.30	107	95866m	44.919	ng		
18) Hexachloroethane	9.98	117	40533	37.991	ng		92
19) n-Nitroso-di-n-propylamine	9.67	70	91650	39.417	ng		99
20) 3+4-Methylphenols	9.64	107	131225	43.185	ng		87
22) Acetophenone	9.70	105	157076	37.106	ng	#	99
24) Nitrobenzene	10.11	77	141186	39.222	ng		90
25) Isophorone	10.62	82	267377	40.963	ng		98
26) 2-Nitrophenol	10.83	139	58445	42.885	ng		91
27) 2,4-Dimethylphenol	10.87	122	99972	50.496	ng		87
28) bis(2-Chloroethoxy)methane	11.10	93	136239	41.833	ng		99
29) 2,4-Dichlorophenol	11.38	162	111067	45.617	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	120396	38.060	ng		99
31) Naphthalene	11.79	128	326973	40.836	ng		99
32) Benzoic acid	10.98	122	43312m	23.534	ng		
33) 4-Chloroaniline	11.91	127	25047	6.982	ng	#	89
34) Hexachlorobutadiene	12.05	225	85469	35.728	ng		98
35) Caprolactam	12.65	113	41968	43.999	ng		94
36) 4-Chloro-3-methylphenol	12.96	107	142759	44.956	ng		94
37) 2-Methylnaphthalene	13.35	142	250664	40.334	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	163332	38.016	ng		99
40) Hexachlorocyclopentadiene	13.67	237	178294	70.789	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	108325	43.395	ng		92
43) 2,4,5-Trichlorophenol	14.01	196	124882	42.325	ng		95
45) 1,1'-Biphenyl	14.32	154	364731	40.025	ng		96
46) 2-Chloronaphthalene	14.38	162	273460	38.920	ng		95
47) 2-Nitroaniline	14.57	65	111825	42.491	ng		94
48) Acenaphthylene	15.21	152	456901	38.957	ng		99
49) Dimethylphthalate	14.90	163	401248	38.872	ng		99
50) 2,6-Dinitrotoluene	15.04	165	85555	40.535	ng		97
51) Acenaphthene	15.54	154	298231	39.446	ng		92
52) 3-Nitroaniline	15.38	138	32013	14.467	ng	#	85
53) 2,4-Dinitrophenol	15.58	184	38715	39.679	ng	#	85
54) Dibenzofuran	15.87	168	454519	40.699	ng		91
55) 4-Nitrophenol	15.67	139	131081	84.243	ng	#	84
56) 2,4-Dinitrotoluene	15.81	165	127149	40.914	ng		99
57) Fluorene	16.51	166	379485	39.887	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	123264	44.377	ng		96
59) Diethylphthalate	16.24	149	399398	39.847	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	213303	39.001	ng		98
61) 4-Nitroaniline	16.54	138	78876	35.200	ng	#	83
62) Azobenzene	16.78	77	397111	40.899	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	49662	26.087	ng		92
65) n-Nitrosodiphenylamine	16.70	169	351640	38.706	ng		96
66) 4-Bromophenyl-phenylether	17.38	248	140678	37.642	ng		93
67) Hexachlorobenzene	17.51	284	145156	36.803	ng		97
68) Atrazine	17.62	200	148561	40.355	ng		99
69) Pentachlorophenol	17.85	266	161820	59.776	ng		99
70) Phenanthrene	18.25	178	649191	39.171	ng		99
71) Anthracene	18.35	178	690001	41.119	ng		98
72) Carbazole	18.60	167	592344	39.835	ng		98
73) Di-n-butylphthalate	19.09	149	714989	41.309	ng	#	97
74) Fluoranthene	20.21	202	834074	40.669	ng		97
76) Benzidine	20.37	184	131208	14.958	ng		99
77) Pyrene	20.57	202	836234	38.763	ng		100
79) Butylbenzylphthalate	21.42	149	318389	39.994	ng		98
80) Benzo(a)anthracene	22.54	228	819786	39.802	ng		98
81) 3,3'-Dichlorobenzidine	22.42	252	107476	14.664	ng		96
82) Chrysene	22.61	228	770808	38.661	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	444127	40.471	ng		98
84) Di-n-octyl phthalate	23.75	149	764355	45.490	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	859515	39.873	ng	#	87
87) Benzo(b)fluoranthene	25.11	252	800486	39.703	ng	#	97
88) Benzo(k)fluoranthene	25.18	252	815413	39.988	ng	#	98
89) Benzo(a)pyrene	26.15	252	793872	41.001	ng	#	94
90) Dibenzo(a,h)anthracene	30.77	278	685938	37.610	ng		98
91) Benzo(g,h,i)perylene	32.06	276	697052	38.596	ng	#	94

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

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