Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
Data File : BG032828.D
Acq On : 26 Feb 2018 19:02
Operator : SJ/JU
Sample : PB106826BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB106826BS

Manual Integrations APPROVED
Sohil
2/27/2018 10:23:17 AM

Quant Time: Feb 27 02:08:20 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	67892	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	305051	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	174423	20.00	ng		0.00
63) Phenanthrene-d10	18.27	188	403874	20.00	ng		0.00
75) Chrysene-d12	22.63	240	387152	20.00	ng		0.00
86) Perylene-d12	26.43	264	415733	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	468581	110.42	ng		0.00
7) Phenol-d6	8.02	99	622416	105.23	ng		0.00
23) Nitrobenzene-d5	10.12	82	335590	77.35	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	212796	116.03	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	793066	65.58	ng		0.00
78) Terphenyl-d14	20.79	244	1193118	69.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	56882	30.885	ng		88
3) Pyridine	4.43	79	164210	32.349	ng		92
4) n-Nitrosodimethylamine	4.33	42	77631	38.145	ng	#	87
6) Aniline	8.21	93	167479	20.918	ng		97
8) 2-Chlorophenol	8.47	128	179180	38.576	ng		91
9) Benzaldehyde	8.02	77	77567	22.753	ng		92
10) Phenol	8.05	94	226941	38.060	ng		92
11) bis(2-Chloroethyl)ether	8.30	93	162292	33.286	ng		91
12) 1,3-Dichlorobenzene	8.81	146	176892	32.515	ng		97
13) 1,4-Dichlorobenzene	8.96	146	178364	32.571	ng		95
14) 1,2-Dichlorobenzene	9.29	146	170334	32.459	ng		98
15) Benzyl Alcohol	9.15	79	148632	34.180	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.45	45	255345	30.464	ng		96
17) 2-Methylphenol	9.35	107	153086	34.817	ng		96
18) Hexachloroethane	10.06	117	63946	34.296	ng	#	83
19) n-Nitroso-di-n-propylamine	9.73	70	127707	30.582	ng	#	96
20) 3+4-Methylphenols	9.69	107	211180	34.543	ng		93
22) Acetophenone	9.77	105	245055	31.809	ng	#	95
24) Nitrobenzene	10.17	77	176706	37.875	ng		92
25) Isophorone	10.69	82	356014	33.250	ng	#	94
26) 2-Nitrophenol	10.90	139	84197	48.809	ng		89
27) 2,4-Dimethylphenol	10.92	122	193486	41.598	ng		90
28) bis(2-Chloroethoxy)methane	11.17	93	221495	35.510	ng		97
29) 2,4-Dichlorophenol	11.43	162	162377	38.464	ng		93
30) 1,2,4-Trichlorobenzene	11.66	180	158715	32.074	ng		99
31) Naphthalene	11.86	128	533280	33.455	ng		98
32) Benzoic acid	11.02	122	119754	43.314	ng		87
33) 4-Chloroaniline	11.95	127	152560	21.405	ng		94
34) Hexachlorobutadiene	12.13	225	84523	30.451	ng		97
35) Caprolactam	12.69	113	67050	39.667	ng	#	83
36) 4-Chloro-3-methylphenol	13.00	107	192992	39.285	ng	#	88
37) 2-Methylnaphthalene	13.41	142	390719	33.880	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	160172	30.934	ng	#	94
40) Hexachlorocyclopentadiene	13.74	237	200374	75.934	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	125803	38.527	ng		97
43) 2,4,5-Trichlorophenol	14.06	196	139233	36.842	ng	#	97
45) 1,1'-Biphenyl	14.38	154	489861	32.139	ng		96
46) 2-Chloronaphthalene	14.44	162	370485	32.540	ng		98
47) 2-Nitroaniline	14.61	65	121364	43.442	ng		89
48) Acenaphthylene	15.27	152	615578	33.023	ng		100
49) Dimethylphthalate	14.97	163	487851	32.940	ng		99
50) 2,6-Dinitrotoluene	15.09	165	105764	44.046	ng		89
51) Acenaphthene	15.61	154	418144	36.018	ng		97
52) 3-Nitroaniline	15.42	138	91480	32.968	ng	#	83
53) 2,4-Dinitrophenol	15.62	184	87621	102.264	ng	#	49
54) Dibenzofuran	15.93	168	575695	34.827	ng		96
55) 4-Nitrophenol	15.69	139	198673	81.749	ng	#	80
56) 2,4-Dinitrotoluene	15.87	165	148062	51.031	ng	#	85
57) Fluorene	16.58	166	468308	34.325	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.14	232	119569m	40.751	ng		
59) Diethylphthalate	16.31	149	525900	33.667	ng		97
60) 4-Chlorophenyl-phenylether	16.55	204	227378	34.068	ng		93
61) 4-Nitroaniline	16.57	138	123709	39.624	ng	#	81
62) Azobenzene	16.84	77	479480	34.311	ng		95
64) 4,6-Dinitro-2-methylphenol	16.62	198	61189	50.833	ng		96
65) n-Nitrosodiphenylamine	16.76	169	434571	33.076	ng		99
66) 4-Bromophenyl-phenylether	17.44	248	137622	32.226	ng	#	88
67) Hexachlorobenzene	17.57	284	146187	31.677	ng		94
68) Atrazine	17.68	200	150426	34.783	ng		97
69) Pentachlorophenol	17.90	266	198014	68.119	ng		98
70) Phenanthrene	18.31	178	754187	33.472	ng		97
71) Anthracene	18.40	178	777747	34.381	ng		99
72) Carbazole	18.65	167	730850	32.778	ng		97
73) Di-n-butylphthalate	19.16	149	910391	33.282	ng		100
74) Fluoranthene	20.26	202	851274	34.202	ng		94
76) Benzidine	20.41	184	311923	23.636	ng		98
77) Pyrene	20.62	202	865214	31.690	ng		97
79) Butylbenzylphthalate	21.49	149	429206	35.457	ng		90
80) Benzo(a)anthracene	22.60	228	836928	33.711	ng		99
81) 3,3'-Dichlorobenzidine	22.49	252	219763	23.901	ng	#	98
82) Chrysene	22.68	228	782655	33.002	ng		97
83) Bis(2-ethylhexyl)phthalate	22.44	149	613786	34.255	ng	#	95
84) Di-n-octyl phthalate	23.87	149	1059969	38.810	ng		98
85) Indeno(1,2,3-cd)pyrene	30.88	276	966761	34.955	ng		97
87) Benzo(b)fluoranthene	25.21	252	834950	33.967	ng	#	97
88) Benzo(k)fluoranthene	25.29	252	828192	33.901	ng	#	96
89) Benzo(a)pyrene	26.26	252	813273	34.785	ng	#	95
90) Dibenzo(a,h)anthracene	30.96	278	813787	34.580	ng	#	93
91) Benzo(g,h,i)perylene	32.27	276	811471	34.979	ng	#	92

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

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