Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
Data File : BG032729.D
Acq On : 16 Feb 2018 00:50
Operator : SJ/JU
Sample : PB106582BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106582BS

Quant Time: Feb 16 03:09:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.64	152	20819	20.00	ng		-0.04
21) Naphthalene-d8	11.50	136	79621	20.00	ng		-0.05
38) Acenaphthene-d10	15.27	164	56985	20.00	ng		-0.03
63) Phenanthrene-d10	18.01	188	145180	20.00	ng		-0.03
75) Chrysene-d12	22.34	240	193065	20.00	ng		-0.03
86) Perylene-d12	25.95	264	211024	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	6.07	112	135660	130.74	ng		-0.04
7) Phenol-d6	7.75	99	163119	114.96	ng		-0.04
23) Nitrobenzene-d5	9.83	82	101716	81.19	ng		-0.05
41) 2,4,6-Tribromophenol	16.76	330	149664	170.57	ng		-0.03
44) 2-Fluorobiphenyl	13.90	172	367401	80.63	ng		-0.03
78) Terphenyl-d14	20.56	244	791414	93.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.74	88	12759	29.393	ng	#	69
3) Pyridine	4.19	79	31340	28.148	ng	#	80
4) n-Nitrosodimethylamine	4.11	42	19633	37.527	ng	#	66
6) Aniline	7.92	93	38929	23.214	ng		99
8) 2-Chlorophenol	8.18	128	54091	45.332	ng	#	82
9) Benzaldehyde	7.74	77	6034	7.196	ng	#	87
10) Phenol	7.78	94	54627	39.586	ng		85
11) bis(2-Chloroethyl)ether	8.02	93	35991	32.533	ng	#	70
12) 1,3-Dichlorobenzene	8.51	146	63268	37.595	ng		95
13) 1,4-Dichlorobenzene	8.66	146	62118	37.362	ng		96
14) 1,2-Dichlorobenzene	8.99	146	63195	37.685	ng		90
15) Benzyl Alcohol	8.87	79	39425	37.071	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.15	45	34749	29.185	ng		65
17) 2-Methylphenol	9.07	107	37688	38.564	ng	#	92
18) Hexachloroethane	9.74	117	21981	36.208	ng	#	84
19) n-Nitroso-di-n-propylamine	9.44	70	30887	32.380	ng	#	88
20) 3+4-Methylphenols	9.40	107	54954	37.205	ng		95
22) Acetophenone	9.47	105	70572	41.676	ng	#	89
24) Nitrobenzene	9.88	77	48853	37.244	ng	#	87
25) Isophorone	10.39	82	89856	37.620	ng	#	82
26) 2-Nitrophenol	10.60	139	31397	44.753	ng	#	83
27) 2,4-Dimethylphenol	10.64	122	48230	52.326	ng		90
28) bis(2-Chloroethoxy)methane	10.87	93	48800	39.966	ng	#	89
29) 2,4-Dichlorophenol	11.14	162	61524	45.606	ng		84
30) 1,2,4-Trichlorobenzene	11.36	180	72876	38.533	ng		98
31) Naphthalene	11.56	128	161926	41.883	ng		97
32) Benzoic acid	10.77	122	25094	35.256	ng	#	81
33) 4-Chloroaniline	11.66	127	36744	23.953	ng	#	90
34) Hexachlorobutadiene	11.83	225	57773	37.273	ng		96
35) Caprolactam	12.42	113	17543	45.793	ng	#	30
36) 4-Chloro-3-methylphenol	12.74	107	57039	47.006	ng		91
37) 2-Methylnaphthalene	13.13	142	133148	42.459	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.48	216	99983	37.148	ng		97
40) Hexachlorocyclopentadiene	13.46	237	143889	84.479	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.72	196	56520	42.074	ng		88
43) 2,4,5-Trichlorophenol	13.79	196	61328	36.634	ng	#	94
45) 1,1'-Biphenyl	14.11	154	188657	40.236	ng		94
46) 2-Chloronaphthalene	14.16	162	142998	38.541	ng		97
47) 2-Nitroaniline	14.36	65	31237	38.704	ng	#	64
48) Acenaphthylene	15.00	152	220784	40.447	ng		98
49) Dimethylphthalate	14.70	163	197888	40.174	ng		99
50) 2,6-Dinitrotoluene	14.83	165	43057	42.444	ng	#	80
51) Acenaphthene	15.34	154	177037	47.491	ng		98
52) 3-Nitroaniline	15.17	138	28120	31.390	ng	#	69
53) 2,4-Dinitrophenol	15.37	184	53384	95.031	ng	#	58
54) Dibenzofuran	15.67	168	236517	42.644	ng		97
55) 4-Nitrophenol	15.47	139	64979	96.579	ng	#	69
56) 2,4-Dinitrotoluene	15.62	165	65655	46.971	ng	#	69
57) Fluorene	16.31	166	192200	42.138	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.89	232	71849	45.586	ng	#	85
59) Diethylphthalate	16.06	149	197575	41.223	ng		100
60) 4-Chlorophenyl-phenylether	16.29	204	117279	38.944	ng		96
61) 4-Nitroaniline	16.33	138	39058	42.288	ng	#	75
62) Azobenzene	16.58	77	119675	38.864	ng		85
64) 4,6-Dinitro-2-methylphenol	16.38	198	41699	40.378	ng	#	69
65) n-Nitrosodiphenylamine	16.51	169	176282	41.401	ng		99
66) 4-Bromophenyl-phenylether	17.18	248	86741	41.748	ng		96
67) Hexachlorobenzene	17.31	284	100509	45.039	ng	#	87
68) Atrazine	17.43	200	83225	45.571	ng		96
69) Pentachlorophenol	17.65	266	124035	90.790	ng		96
70) Phenanthrene	18.05	178	325884	41.786	ng		99
71) Anthracene	18.14	178	342625	42.937	ng		97
72) Carbazole	18.41	167	299760	44.059	ng		98
73) Di-n-butylphthalate	18.92	149	349478	45.621	ng		98
74) Fluoranthene	20.03	202	458869	44.073	ng		96
76) Benzidine	20.19	184	96982	21.333	ng		99
77) Pyrene	20.39	202	458127	39.886	ng		99
79) Butylbenzylphthalate	21.24	149	159848	42.247	ng	#	76
80) Benzo(a)anthracene	22.31	228	483397	39.990	ng		99
81) 3,3'-Dichlorobenzidine	22.21	252	139650	30.934	ng	#	97
82) Chrysene	22.38	228	463737	38.906	ng		97
83) Bis(2-ethylhexyl)phthalate	22.15	149	225880	41.398	ng	#	97
84) Di-n-octyl phthalate	23.51	149	391248	45.704	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.15	276	650828	46.093	ng	#	81
87) Benzo(b)fluoranthene	24.79	252	517748	41.170	ng	#	95
88) Benzo(k)fluoranthene	24.87	252	523539	40.225	ng	#	96
89) Benzo(a)pyrene	25.78	252	524821	42.837	ng	#	95
90) Dibenzo(a,h)anthracene	30.21	278	548317	44.955	ng	#	93
91) Benzo(g,h,i)perylene	31.46	276	544304	46.164	ng	#	91

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

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