Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029283.D
Acq On : 16 Oct 2017 22:47
Operator : SJ/JU
Sample : PB103325BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB103325BS

Manual Integrations APPROVED
Sohil
10/17/2017 5:04:10 PM

Quant Time: Oct 17 04:28:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	61085	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	289302	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	193659	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	448596	20.00	ng		0.00
75) Chrysene-d12	21.80	240	466528	20.00	ng		0.00
86) Perylene-d12	25.11	264	487707	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	442440	121.00	ng		0.00
7) Phenol-d6	7.32	99	598979	116.70	ng		0.00
23) Nitrobenzene-d5	9.34	82	348105	76.46	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	287194	114.86	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	949556	71.91	ng		0.00
78) Terphenyl-d14	20.11	244	1478164	72.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	40879	27.554	ng		86
3) Pyridine	3.98	79	122901	28.447	ng		93
4) n-Nitrosodimethylamine	3.90	42	64231	31.805	ng	#	94
6) Aniline	7.49	93	103874	16.344	ng		97
8) 2-Chlorophenol	7.74	128	144360	34.443	ng		93
9) Benzaldehyde	7.30	77	43388	16.807	ng		91
10) Phenol	7.35	94	192907	34.862	ng		89
11) bis(2-Chloroethyl)ether	7.58	93	133282	33.060	ng		92
12) 1,3-Dichlorobenzene	8.06	146	150958	32.081	ng		98
13) 1,4-Dichlorobenzene	8.21	146	153603	31.972	ng		94
14) 1,2-Dichlorobenzene	8.53	146	147417	31.813	ng		96
15) Benzyl Alcohol	8.40	79	130435	36.062	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	223675	32.670	ng		96
17) 2-Methylphenol	8.61	107	129969	35.358	ng		97
18) Hexachloroethane	9.26	117	53580	32.726	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	113211	32.440	ng	#	96
20) 3+4-Methylphenols	8.93	107	181918	35.124	ng		97
22) Acetophenone	8.99	105	215240	30.872	ng	#	95
24) Nitrobenzene	9.38	77	165203	32.274	ng		92
25) Isophorone	9.90	82	314709	33.113	ng	#	93
26) 2-Nitrophenol	10.09	139	82349	33.660	ng		94
27) 2,4-Dimethylphenol	10.14	122	151510	34.229	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	192402	33.015	ng		96
29) 2,4-Dichlorophenol	10.63	162	162015	34.324	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	164228	32.205	ng		97
31) Naphthalene	11.04	128	472579	32.776	ng		98
32) Benzoic acid	10.26	122	105711	28.523	ng	#	81
33) 4-Chloroaniline	11.14	127	89972	14.835	ng		96
34) Hexachlorobutadiene	11.33	225	97457	30.738	ng		95
35) Caprolactam	11.90	113	58375m	37.212	ng		
36) 4-Chloro-3-methylphenol	12.25	107	170763	32.894	ng		90
37) 2-Methylnaphthalene	12.63	142	365173	34.751	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	199195	28.173	ng		98
40) Hexachlorocyclopentadiene	12.98	237	203589	76.242	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	138987	31.314	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	149729	32.847	ng		96
45) 1,1'-Biphenyl	13.63	154	496613	29.834	ng		97
46) 2-Chloronaphthalene	13.68	162	386890	31.865	ng		97
47) 2-Nitroaniline	13.86	65	115679	34.687	ng	#	86
48) Acenaphthylene	14.52	152	615138	32.372	ng		98
49) Dimethylphthalate	14.23	163	488451	32.327	ng		99
50) 2,6-Dinitrotoluene	14.36	165	107907	34.067	ng	#	85
51) Acenaphthene	14.85	154	385569	31.186	ng		99
52) 3-Nitroaniline	14.68	138	78678	23.019	ng	#	83
53) 2,4-Dinitrophenol	14.89	184	111596	65.308	ng	#	55
54) Dibenzofuran	15.19	168	603387	34.187	ng		99
55) 4-Nitrophenol	14.99	139	199227	70.702	ng	#	83
56) 2,4-Dinitrotoluene	15.14	165	156084	36.402	ng	#	81
57) Fluorene	15.83	166	483675	33.173	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	142943	37.587	ng		98
59) Diethylphthalate	15.59	149	500848	33.260	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	260281	33.482	ng		97
61) 4-Nitroaniline	15.84	138	119313	33.996	ng		85
62) Azobenzene	16.11	77	457622	36.038	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	75358	31.463	ng		89
65) n-Nitrosodiphenylamine	16.03	169	438025	32.596	ng		99
66) 4-Bromophenyl-phenylether	16.71	248	171379	33.293	ng		100
67) Hexachlorobenzene	16.84	284	181823	31.183	ng		93
68) Atrazine	16.97	200	170519	35.563	ng		99
69) Pentachlorophenol	17.18	266	224483	67.020	ng		99
70) Phenanthrene	17.57	178	789213	34.055	ng		98
71) Anthracene	17.66	178	803475	34.528	ng		99
72) Carbazole	17.92	167	742232	33.204	ng		98
73) Di-n-butylphthalate	18.47	149	872854	33.950	ng		99
74) Fluoranthene	19.57	202	952198	35.129	ng		97
76) Benzidine	19.73	184	261841	18.589	ng		97
77) Pyrene	19.93	202	986164	34.846	ng		97
79) Butylbenzylphthalate	20.80	149	416252	34.523	ng		89
80) Benzo(a)anthracene	21.78	228	944679	34.489	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	219013	19.372	ng		99
82) Chrysene	21.85	228	879985	33.547	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	574241	33.186	ng		99
84) Di-n-octyl phthalate	22.92	149	994928	32.991	ng		97
85) Indeno(1,2,3-cd)pyrene	28.90	276	1078438	33.417	ng	#	80
87) Benzo(b)fluoranthene	24.06	252	955110	34.207	ng		99
88) Benzo(k)fluoranthene	24.13	252	941707	33.854	ng		97
89) Benzo(a)pyrene	24.96	252	935453	34.850	ng		99
90) Dibenzo(a,h)anthracene	28.97	278	938640	34.540	ng		98
91) Benzo(g,h,i)perylene	30.08	276	857900	33.977	ng		97

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

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