Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003710.D
Acq On : 22 Dec 2015 16:21
Operator : UM/SJ
Sample : PB87153BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB87153BS

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12/23/2015 3:46:36 PM

Quant Time: Dec 22 23:53:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	43193	20.00	ng		-0.03
21) Naphthalene-d8	10.48	136	199560	20.00	ng		-0.04
38) Acenaphthene-d10	14.35	164	88174	20.00	ng		-0.02
63) Phenanthrene-d10	17.10	188	180217	20.00	ng		-0.02
75) Chrysene-d12	21.30	240	185843	20.00	ng		-0.02
86) Perylene-d12	23.54	264	158684	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	379262	156.11	ng		-0.02
7) Phenol-d6	6.87	99	419539	124.36	ng		-0.02
23) Nitrobenzene-d5	8.85	82	283802	88.18	ng		-0.03
41) 2,4,6-Tribromophenol	15.84	330	128215	145.60	ng		-0.02
44) 2-Fluorobiphenyl	12.96	172	559301	86.42	ng		-0.03
78) Terphenyl-d14	19.73	244	660490	83.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	28276	28.05	ng	#	100
3) Pyridine	3.58	79	102631	36.34	ng		91
4) n-Nitrosodimethylamine	3.50	42	41018	45.37	ng		89
6) Aniline	7.03	93	151961	34.22	ng		96
8) 2-Chlorophenol	7.26	128	125820	40.90	ng		95
9) Benzaldehyde	6.83	77	23228	14.04	ng		99
10) Phenol	6.90	94	157718	44.06	ng	#	73
11) bis(2-Chloroethyl)ether	7.13	93	113488	39.19	ng		97
12) 1,3-Dichlorobenzene	7.58	146	130810	38.71	ng		98
13) 1,4-Dichlorobenzene	7.73	146	138337	39.70	ng		96
14) 1,2-Dichlorobenzene	8.05	146	130833	39.32	ng		95
15) Benzyl Alcohol	7.93	79	99963	42.82	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	117199	37.88	ng		93
17) 2-Methylphenol	8.14	107	105556	42.18	ng		97
18) Hexachloroethane	8.76	117	55031	45.97	ng		93
19) n-Nitroso-di-n-propylamine	8.50	70	84176	38.04	ng		89
20) 3+4-Methylphenols	8.47	107	133544	38.57	ng		96
22) Acetophenone	8.52	105	173686	35.51	ng	#	90
24) Nitrobenzene	8.89	77	141145	40.56	ng		93
25) Isophorone	9.42	82	222917	34.24	ng		97
26) 2-Nitrophenol	9.60	139	65944	37.47	ng	#	91
27) 2,4-Dimethylphenol	9.67	122	115626	37.73	ng		93
28) bis(2-Chloroethoxy)methane	9.90	93	141787	36.25	ng		98
29) 2,4-Dichlorophenol	10.13	162	109322	37.45	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	115165	35.33	ng		97
31) Naphthalene	10.53	128	409878	39.25	ng		100
32) Benzoic acid	9.81	122	54801	32.45	ng		97
33) 4-Chloroaniline	10.65	127	116244	26.97	ng	#	94
34) Hexachlorobutadiene	10.82	225	72913	37.72	ng		97
35) Caprolactam	11.42	113	31445m	32.58	ng		
36) 4-Chloro-3-methylphenol	11.78	107	116242	35.31	ng		88
37) 2-Methylnaphthalene	12.15	142	264409	36.91	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	123211	43.47	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	146356	92.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	82138	44.43	ng		99
43) 2,4,5-Trichlorophenol	12.85	196	87076	44.81	ng	#	89
45) 1,1'-Biphenyl	13.17	154	358509	45.85	ng		98
46) 2-Chloronaphthalene	13.22	162	266684	46.43	ng	#	93
47) 2-Nitroaniline	13.43	65	64420	45.22	ng		100
48) Acenaphthylene	14.07	152	422183	44.09	ng		100
49) Dimethylphthalate	13.81	163	298760	41.12	ng		99
50) 2,6-Dinitrotoluene	13.93	165	71968	47.47	ng		95
51) Acenaphthene	14.41	154	233307	42.05	ng		100
52) 3-Nitroaniline	14.26	138	50583	32.60	ng	#	82
53) 2,4-Dinitrophenol	14.47	184	64037	75.20	ng	#	81
54) Dibenzofuran	14.75	168	415074	51.79	ng		94
55) 4-Nitrophenol	14.58	139	123631	96.50	ng		80
56) 2,4-Dinitrotoluene	14.72	165	99272	50.47	ng	#	75
57) Fluorene	15.40	166	322490	48.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.98	232	81289	54.42	ng	#	100
59) Diethylphthalate	15.17	149	333899	46.80	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	155226	46.21	ng		92
61) 4-Nitroaniline	15.43	138	74185	46.82	ng	#	75
62) Azobenzene	15.69	77	307887	55.05	ng		97
64) 4,6-Dinitro-2-methylphenol	15.49	198	49773	45.78	ng		89
65) n-Nitrosodiphenylamine	15.61	169	278840	48.94	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	83973	43.22	ng	#	84
67) Hexachlorobenzene	16.40	284	87008	41.68	ng	#	79
68) Atrazine	16.56	200	81521	45.88	ng		98
69) Pentachlorophenol	16.75	266	95519	80.15	ng		98
70) Phenanthrene	17.14	178	428186	42.34	ng		100
71) Anthracene	17.23	178	432572	43.05	ng		99
72) Carbazole	17.50	167	399535	45.64	ng		99
73) Di-n-butylphthalate	18.06	149	518743	50.69	ng		99
74) Fluoranthene	19.16	202	511898	49.08	ng		97
76) Benzidine	19.35	184	261751	43.96	ng		99
77) Pyrene	19.53	202	466765	35.81	ng		99
79) Butylbenzylphthalate	20.43	149	190129	37.88	ng		95
80) Benzo(a)anthracene	21.28	228	472673	42.42	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	116757	32.91	ng		98
82) Chrysene	21.33	228	424341	39.57	ng		100
83) Bis(2-ethylhexyl)phthalate	21.21	149	267044	38.80	ng		98
84) Di-n-octyl phthalate	22.09	149	451836	39.73	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.81	276	411730	36.54	ng	#	100
87) Benzo(b)fluoranthene	22.87	252	393472	40.79	ng		98
88) Benzo(k)fluoranthene	22.92	252	371825	39.49	ng		100
89) Benzo(a)pyrene	23.44	252	359975	39.68	ng	#	98
90) Dibenzo(a,h)anthracene	25.81	278	342126	38.62	ng		99
91) Benzo(g,h,i)perylene	26.50	276	383922	42.90	ng		99

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

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