Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003432.D
Acq On : 10 Dec 2015 02:55
Operator : UM/IZ
Sample : PB87153BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB87153BSD

Quant Time: Dec 10 03:43:35 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	7.72	152	72909	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	317197	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	167015	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	319411	20.00	ng		0.00
75) Chrysene-d12	21.32	240	290765	20.00	ng		0.00
86) Perylene-d12	23.57	264	288065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	551436	134.47	ng		0.00
7) Phenol-d6	6.90	99	718646	126.20	ng		0.00
23) Nitrobenzene-d5	8.88	82	424152	82.91	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	199543	119.63	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1002290	81.76	ng		0.00
78) Terphenyl-d14	19.76	244	961031	77.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	54837	32.23	ng	#	100
3) Pyridine	3.60	79	164708	34.55	ng		89
4) n-Nitrosodimethylamine	3.53	42	62123	40.71	ng		83
6) Aniline	7.05	93	201933	26.94	ng		96
8) 2-Chlorophenol	7.29	128	222149	42.78	ng		96
9) Benzaldehyde	6.86	77	95369	34.16	ng		95
10) Phenol	6.92	94	263795	43.66	ng	#	71
11) bis(2-Chloroethyl)ether	7.15	93	187556	38.37	ng		96
12) 1,3-Dichlorobenzene	7.61	146	220558	38.67	ng		98
13) 1,4-Dichlorobenzene	7.76	146	226777	38.56	ng		97
14) 1,2-Dichlorobenzene	8.07	146	218654	38.93	ng		97
15) Benzyl Alcohol	7.96	79	174440	44.27	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	192515	36.86	ng		90
17) 2-Methylphenol	8.16	107	183508	43.44	ng		98
18) Hexachloroethane	8.80	117	79753	39.46	ng		92
19) n-Nitroso-di-n-propylamine	8.53	70	145325	38.91	ng	#	87
20) 3+4-Methylphenols	8.49	107	248180	42.46	ng		97
22) Acetophenone	8.55	105	302352	38.89	ng	#	89
24) Nitrobenzene	8.92	77	221816	40.10	ng	#	89
25) Isophorone	9.45	82	403574	39.00	ng		98
26) 2-Nitrophenol	9.63	139	113760	40.66	ng	#	92
27) 2,4-Dimethylphenol	9.69	122	209446	43.00	ng		96
28) bis(2-Chloroethoxy)methane	9.93	93	258376	41.56	ng		98
29) 2,4-Dichlorophenol	10.16	162	207973	44.82	ng		97
30) 1,2,4-Trichlorobenzene	10.38	180	206035	39.77	ng		98
31) Naphthalene	10.56	128	661805	39.87	ng		100
32) Benzoic acid	9.83	122	115960	40.34	ng		97
33) 4-Chloroaniline	10.67	127	61803	9.02	ng		95
34) Hexachlorobutadiene	10.85	225	121256	39.47	ng		97
35) Caprolactam	11.44	113	57485	37.47	ng	#	72
36) 4-Chloro-3-methylphenol	11.80	107	211993	40.52	ng		90
37) 2-Methylnaphthalene	12.18	142	473880	41.62	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	221883	41.32	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	277605	92.69	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	153971	43.97	ng		99
43) 2,4,5-Trichlorophenol	12.87	196	165236	44.90	ng	#	91
45) 1,1'-Biphenyl	13.20	154	594058	40.11	ng		98
46) 2-Chloronaphthalene	13.24	162	449322	41.30	ng	#	93
47) 2-Nitroaniline	13.45	65	109872	40.72	ng		94
48) Acenaphthylene	14.10	152	740056	40.80	ng		99
49) Dimethylphthalate	13.83	163	539828	39.22	ng	#	99
50) 2,6-Dinitrotoluene	13.95	165	118553	41.29	ng		95
51) Acenaphthene	14.44	154	422940	40.24	ng		100
52) 3-Nitroaniline	14.28	138	50385	17.15	ng		85
53) 2,4-Dinitrophenol	14.49	184	110750	69.25	ng	#	78
54) Dibenzofuran	14.77	168	667526	43.98	ng		94
55) 4-Nitrophenol	14.59	139	190069	78.32	ng		82
56) 2,4-Dinitrotoluene	14.74	165	155315	41.69	ng	#	69
57) Fluorene	15.43	166	509005	40.45	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	129218	45.67	ng	#	100
59) Diethylphthalate	15.20	149	526591	38.97	ng		99
60) 4-Chlorophenyl-phenylether	15.42	204	249083	39.14	ng		94
61) 4-Nitroaniline	15.44	138	112401	37.45	ng	#	75
62) Azobenzene	15.72	77	467068	44.09	ng		97
64) 4,6-Dinitro-2-methylphenol	15.50	198	74640	38.73	ng		85
65) n-Nitrosodiphenylamine	15.63	169	443305	43.90	ng		98
66) 4-Bromophenyl-phenylether	16.32	248	143823	41.76	ng	#	86
67) Hexachlorobenzene	16.43	284	157562	42.58	ng	#	81
68) Atrazine	16.59	200	141599	44.96	ng		98
69) Pentachlorophenol	16.77	266	177426	84.00	ng		98
70) Phenanthrene	17.16	178	754155	42.08	ng		99
71) Anthracene	17.26	178	762801	42.83	ng		99
72) Carbazole	17.53	167	669312	43.14	ng		100
73) Di-n-butylphthalate	18.09	149	781995	43.12	ng		99
74) Fluoranthene	19.19	202	782483	42.33	ng		98
76) Benzidine	19.37	184	324233	34.81	ng		99
77) Pyrene	19.55	202	808628	39.66	ng		99
79) Butylbenzylphthalate	20.45	149	322521	41.07	ng		94
80) Benzo(a)anthracene	21.30	228	735775	42.21	ng		99
81) 3,3'-Dichlorobenzidine	21.23	252	152543	27.48	ng		99
82) Chrysene	21.35	228	665100	39.64	ng		100
83) Bis(2-ethylhexyl)phthalate	21.23	149	453624	42.12	ng		98
84) Di-n-octyl phthalate	22.11	149	804317	45.20	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	851528	48.30	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	744894	42.54	ng		98
88) Benzo(k)fluoranthene	22.94	252	691112	40.43	ng		100
89) Benzo(a)pyrene	23.47	252	710103	43.11	ng	#	97
90) Dibenzo(a,h)anthracene	25.86	278	710001	44.15	ng		98
91) Benzo(g,h,i)perylene	26.55	276	725519	44.66	ng		98

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

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