Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003423.D
Acq On : 09 Dec 2015 21:30
Operator : UM/IZ
Sample : PB87163BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB87163BSD

Quant Time: Dec 10 00:26:10 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	62502	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	254644	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	126481	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	242149	20.00	ng		0.00
75) Chrysene-d12	21.32	240	246113	20.00	ng		0.00
86) Perylene-d12	23.57	264	246258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	388162	110.41	ng		0.00
7) Phenol-d6	6.89	99	490819	100.54	ng		0.00
23) Nitrobenzene-d5	8.88	82	288058	70.14	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	124778	98.78	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	670150	72.19	ng		0.00
78) Terphenyl-d14	19.76	244	664031	63.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	43694	29.95	ng	#	100
3) Pyridine	3.60	79	123754	30.29	ng		88
4) n-Nitrosodimethylamine	3.52	42	44472	33.99	ng		88
6) Aniline	7.05	93	127391	19.82	ng		95
8) 2-Chlorophenol	7.29	128	149673	33.62	ng		94
9) Benzaldehyde	6.86	77	75327	31.47	ng		95
10) Phenol	6.92	94	174488	33.69	ng	#	72
11) bis(2-Chloroethyl)ether	7.15	93	130823	31.22	ng		97
12) 1,3-Dichlorobenzene	7.61	146	157604	32.23	ng		97
13) 1,4-Dichlorobenzene	7.76	146	160254	31.78	ng		96
14) 1,2-Dichlorobenzene	8.07	146	154377	32.06	ng		97
15) Benzyl Alcohol	7.96	79	113768	33.68	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	132192	29.53	ng		90
17) 2-Methylphenol	8.16	107	117890	32.55	ng		97
18) Hexachloroethane	8.80	117	55689	32.14	ng		91
19) n-Nitroso-di-n-propylamine	8.53	70	94793	29.60	ng	#	87
20) 3+4-Methylphenols	8.49	107	156311	31.20	ng		96
22) Acetophenone	8.54	105	201568	32.30	ng	#	90
24) Nitrobenzene	8.92	77	147872	33.30	ng		90
25) Isophorone	9.44	82	255081	30.71	ng		98
26) 2-Nitrophenol	9.63	139	71675	31.91	ng		94
27) 2,4-Dimethylphenol	9.69	122	131956	33.74	ng		94
28) bis(2-Chloroethoxy)methane	9.93	93	168885	33.83	ng		99
29) 2,4-Dichlorophenol	10.16	162	129253	34.70	ng		99
30) 1,2,4-Trichlorobenzene	10.38	180	140115	33.69	ng		98
31) Naphthalene	10.56	128	441929	33.17	ng		99
32) Benzoic acid	9.80	122	54426	26.35	ng		97
33) 4-Chloroaniline	10.67	127	49112	8.93	ng		96
34) Hexachlorobutadiene	10.85	225	82741	33.55	ng		98
35) Caprolactam	11.43	113	32853	26.68	ng	#	75
36) 4-Chloro-3-methylphenol	11.80	107	126661	30.15	ng		89
37) 2-Methylnaphthalene	12.18	142	310952	34.02	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	145765	35.85	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	180697	79.67	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	91136	34.36	ng		98
43) 2,4,5-Trichlorophenol	12.86	196	97841	35.10	ng	#	88
45) 1,1'-Biphenyl	13.20	154	380860	33.96	ng		98
46) 2-Chloronaphthalene	13.24	162	287674	34.92	ng	#	93
47) 2-Nitroaniline	13.45	65	64693	31.66	ng		95
48) Acenaphthylene	14.09	152	459301	33.44	ng		99
49) Dimethylphthalate	13.83	163	330098	31.67	ng		99
50) 2,6-Dinitrotoluene	13.95	165	70499	32.42	ng		94
51) Acenaphthene	14.44	154	269344	33.84	ng		100
52) 3-Nitroaniline	14.28	138	34097	15.32	ng		88
53) 2,4-Dinitrophenol	14.49	184	58702	50.51	ng	#	80
54) Dibenzofuran	14.77	168	421075	36.63	ng		95
55) 4-Nitrophenol	14.59	139	115587	62.89	ng		81
56) 2,4-Dinitrotoluene	14.74	165	92976	32.95	ng	#	73
57) Fluorene	15.42	166	321428	33.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	79340	37.03	ng	#	100
59) Diethylphthalate	15.20	149	319524	31.22	ng		98
60) 4-Chlorophenyl-phenylether	15.42	204	158264	32.84	ng		95
61) 4-Nitroaniline	15.44	138	68590	30.18	ng	#	76
62) Azobenzene	15.71	77	287537	35.84	ng		98
64) 4,6-Dinitro-2-methylphenol	15.50	198	42958	29.40	ng		83
65) n-Nitrosodiphenylamine	15.63	169	274289	35.83	ng		99
66) 4-Bromophenyl-phenylether	16.32	248	89206	34.17	ng	#	87
67) Hexachlorobenzene	16.43	284	97748	34.85	ng	#	81
68) Atrazine	16.59	200	85958	36.00	ng		97
69) Pentachlorophenol	16.77	266	105543	65.91	ng		98
70) Phenanthrene	17.16	178	478351	35.20	ng		99
71) Anthracene	17.26	178	475663	35.23	ng		99
72) Carbazole	17.53	167	426113	36.23	ng		99
73) Di-n-butylphthalate	18.09	149	468863	34.10	ng		99
74) Fluoranthene	19.19	202	500106	35.69	ng		97
76) Benzidine	19.37	184	158791	20.14	ng		98
77) Pyrene	19.55	202	531778	30.81	ng		100
79) Butylbenzylphthalate	20.46	149	197987	29.79	ng		96
80) Benzo(a)anthracene	21.30	228	501687	34.00	ng		100
81) 3,3'-Dichlorobenzidine	21.24	252	92172	19.62	ng		98
82) Chrysene	21.35	228	457199	32.19	ng		99
83) Bis(2-ethylhexyl)phthalate	21.23	149	289403	31.75	ng		99
84) Di-n-octyl phthalate	22.11	149	520709	34.57	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	592717	39.72	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	508245	33.95	ng		98
88) Benzo(k)fluoranthene	22.94	252	492937	33.73	ng		99
89) Benzo(a)pyrene	23.47	252	489945	34.80	ng	#	97
90) Dibenzo(a,h)anthracene	25.86	278	501355	36.47	ng		99
91) Benzo(g,h,i)perylene	26.54	276	501193	36.09	ng		99

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

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