Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003786.D
Acq On : 24 Dec 2015 19:59
Operator : UM/SJ
Sample : PB87538BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB87538BS

Manual Integrations APPROVED
Sohil
12/28/2015 6:00:36 PM

Quant Time: Dec 25 01:20:21 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	7.68	152	56546	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	243421	20.00	ng		-0.04
38) Acenaphthene-d10	14.34	164	130701	20.00	ng		-0.04
63) Phenanthrene-d10	17.09	188	258676	20.00	ng		-0.04
75) Chrysene-d12	21.29	240	209825	20.00	ng		-0.04
86) Perylene-d12	23.52	264	195591	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	411439	129.36	ng		-0.03
7) Phenol-d6	6.87	99	541907	122.70	ng		-0.02
23) Nitrobenzene-d5	8.85	82	322045	82.03	ng		-0.04
41) 2,4,6-Tribromophenol	15.83	330	150352	115.19	ng		-0.04
44) 2-Fluorobiphenyl	12.95	172	738406	76.97	ng		-0.04
78) Terphenyl-d14	19.72	244	726743	81.68	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	41177	31.20	ng	#	100
3) Pyridine	3.57	79	121251	32.80	ng		90
4) n-Nitrosodimethylamine	3.49	42	49274	41.63	ng		95
6) Aniline	7.02	93	174982	30.10	ng		97
8) 2-Chlorophenol	7.25	128	159029	39.49	ng		97
9) Benzaldehyde	6.83	77	45926	21.21	ng		97
10) Phenol	6.89	94	192655	41.11	ng	#	72
11) bis(2-Chloroethyl)ether	7.12	93	140098	36.95	ng		99
12) 1,3-Dichlorobenzene	7.57	146	159934	36.15	ng		98
13) 1,4-Dichlorobenzene	7.72	146	163852	35.92	ng		95
14) 1,2-Dichlorobenzene	8.03	146	156616	35.96	ng		96
15) Benzyl Alcohol	7.93	79	128772	42.14	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	155478	38.39	ng		93
17) 2-Methylphenol	8.13	107	132256	40.37	ng		97
18) Hexachloroethane	8.76	117	58618	37.40	ng		91
19) n-Nitroso-di-n-propylamine	8.49	70	109313	37.73	ng	#	90
20) 3+4-Methylphenols	8.46	107	177296	39.11	ng		98
22) Acetophenone	8.50	105	219916	36.86	ng	#	91
24) Nitrobenzene	8.89	77	165043	38.88	ng		91
25) Isophorone	9.40	82	299529	37.72	ng		97
26) 2-Nitrophenol	9.59	139	79296	36.94	ng	#	89
27) 2,4-Dimethylphenol	9.66	122	149205	39.91	ng		94
28) bis(2-Chloroethoxy)methane	9.89	93	187944	39.39	ng		98
29) 2,4-Dichlorophenol	10.13	162	144462	40.57	ng		98
30) 1,2,4-Trichlorobenzene	10.34	180	145122	36.50	ng		98
31) Naphthalene	10.52	128	472415	37.09	ng		100
32) Benzoic acid	9.80	122	66988	32.50	ng		97
33) 4-Chloroaniline	10.64	127	67672	12.87	ng	#	96
34) Hexachlorobutadiene	10.80	225	86174	36.55	ng		97
35) Caprolactam	11.41	113	42987m	36.52	ng		
36) 4-Chloro-3-methylphenol	11.77	107	153223	38.16	ng		90
37) 2-Methylnaphthalene	12.14	142	338274	38.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	157804	37.56	ng	#	100
40) Hexachlorocyclopentadiene	12.49	237	187561	80.03	ng		97

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42) 2,4,6-Trichlorophenol	12.76	196	107056	39.06	ng		99
43) 2,4,5-Trichlorophenol	12.83	196	113258	39.32	ng	#	88
45) 1,1'-Biphenyl	13.16	154	421057	36.33	ng		98
46) 2-Chloronaphthalene	13.20	162	316203	37.14	ng	#	92
47) 2-Nitroaniline	13.42	65	85198	40.35	ng		99
48) Acenaphthylene	14.06	152	525672	37.03	ng		100
49) Dimethylphthalate	13.80	163	394786	36.65	ng		99
50) 2,6-Dinitrotoluene	13.92	165	86408	38.45	ng		95
51) Acenaphthene	14.40	154	302994	36.84	ng		99
52) 3-Nitroaniline	14.25	138	47291	20.56	ng		86
53) 2,4-Dinitrophenol	14.46	184	75217	61.00	ng	#	83
54) Dibenzofuran	14.74	168	480357	40.44	ng		94
55) 4-Nitrophenol	14.57	139	136193	71.71	ng		78
56) 2,4-Dinitrotoluene	14.71	165	115287	39.54	ng	#	76
57) Fluorene	15.39	166	371962	37.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	93615	42.28	ng	#	100
59) Diethylphthalate	15.17	149	397328	37.57	ng		99
60) 4-Chlorophenyl-phenylether	15.38	204	180966	36.34	ng		91
61) 4-Nitroaniline	15.42	138	83436	35.53	ng	#	70
62) Azobenzene	15.67	77	363518	43.85	ng		97
64) 4,6-Dinitro-2-methylphenol	15.48	198	54410	34.86	ng		85
65) n-Nitrosodiphenylamine	15.60	169	331243	40.50	ng		98
66) 4-Bromophenyl-phenylether	16.28	248	107090	38.40	ng	#	88
67) Hexachlorobenzene	16.40	284	116184	38.77	ng	#	85
68) Atrazine	16.55	200	107843	42.28	ng		98
69) Pentachlorophenol	16.74	266	122291	71.49	ng		98
70) Phenanthrene	17.13	178	569351	39.22	ng		99
71) Anthracene	17.22	178	567264	39.33	ng		99
72) Carbazole	17.49	167	502595	40.00	ng		100
73) Di-n-butylphthalate	18.05	149	607331	41.35	ng		99
74) Fluoranthene	19.15	202	576854	38.53	ng		97
76) Benzidine	19.34	184	223000	33.17	ng		100
77) Pyrene	19.52	202	591529	40.20	ng		100
79) Butylbenzylphthalate	20.42	149	227178	40.09	ng		95
80) Benzo(a)anthracene	21.27	228	487507	38.75	ng		99
81) 3,3'-Dichlorobenzidine	21.20	252	108335	27.05	ng		99
82) Chrysene	21.32	228	444124	36.68	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	308333	39.67	ng		99
84) Di-n-octyl phthalate	22.07	149	511006	39.80	ng		96
85) Indeno(1,2,3-cd)pyrene	25.78	276	542127	42.62	ng	#	100
87) Benzo(b)fluoranthene	22.85	252	463529	38.99	ng		98
88) Benzo(k)fluoranthene	22.90	252	429081	36.97	ng		99
89) Benzo(a)pyrene	23.43	252	442120	39.53	ng	#	97
90) Dibenzo(a,h)anthracene	25.79	278	445668	40.82	ng		98
91) Benzo(g,h,i)perylene	26.47	276	458661	41.58	ng		98

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

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