Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121015\
Data File : BM003461.D
Acq On : 10 Dec 2015 20:23
Operator : UM/IZ
Sample : PB87185BSD
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB87185BSD

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:00:41 PM

Quant Time: Dec 11 07:11:05 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	79695	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	333584	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	166888	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	316477	20.00	ng		0.00
75) Chrysene-d12	21.32	240	290523	20.00	ng		0.00
86) Perylene-d12	23.57	264	307273	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	386039	86.12	ng		0.00
7) Phenol-d6	6.90	99	497629	79.95	ng		0.00
23) Nitrobenzene-d5	8.88	82	433478	80.57	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	127920	76.75	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	991278	80.93	ng		0.00
78) Terphenyl-d14	19.76	244	912718	74.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	59051	31.75	ng	#	100
3) Pyridine	3.60	79	174878	33.56	ng		88
4) n-Nitrosodimethylamine	3.53	42	65662	39.36	ng		85
6) Aniline	7.05	93	178410	21.77	ng		95
8) 2-Chlorophenol	7.29	128	222398	39.18	ng		95
9) Benzaldehyde	6.86	77	89210	29.23	ng		93
10) Phenol	6.92	94	259775	39.33	ng	#	72
11) bis(2-Chloroethyl)ether	7.15	93	187342	35.06	ng		97
12) 1,3-Dichlorobenzene	7.61	146	227556	36.50	ng		99
13) 1,4-Dichlorobenzene	7.76	146	232852	36.22	ng		97
14) 1,2-Dichlorobenzene	8.07	146	224944	36.64	ng		96
15) Benzyl Alcohol	7.96	79	173051	40.18	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	192797	33.78	ng		91
17) 2-Methylphenol	8.17	107	179363	38.84	ng		98
18) Hexachloroethane	8.80	117	81356	36.83	ng		90
19) n-Nitroso-di-n-propylamine	8.53	70	142396	34.88	ng	#	87
20) 3+4-Methylphenols	8.49	107	239483	37.48	ng		96
22) Acetophenone	8.55	105	297463	36.38	ng	#	89
24) Nitrobenzene	8.92	77	220121	37.84	ng	#	89
25) Isophorone	9.44	82	391993	36.02	ng		97
26) 2-Nitrophenol	9.63	139	112816	38.35	ng		93
27) 2,4-Dimethylphenol	9.69	122	201435	39.32	ng		96
28) bis(2-Chloroethoxy)methane	9.93	93	250889	38.37	ng		98
29) 2,4-Dichlorophenol	10.16	162	198802	40.74	ng		98
30) 1,2,4-Trichlorobenzene	10.37	180	203959	37.43	ng		98
31) Naphthalene	10.56	128	655208	37.54	ng		99
32) Benzoic acid	9.83	122	112752m	38.07	ng		
33) 4-Chloroaniline	10.67	127	51577	7.16	ng	#	94
34) Hexachlorobutadiene	10.85	225	121567	37.63	ng		96
35) Caprolactam	11.45	113	53456	33.14	ng	#	74
36) 4-Chloro-3-methylphenol	11.81	107	197923	35.97	ng		90
37) 2-Methylnaphthalene	12.18	142	461411	38.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	215507	40.17	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	254031	84.88	ng		99

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Quant Time: Dec 11 07:11:05 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	144183	41.20	ng		99
43) 2,4,5-Trichlorophenol	12.87	196	152525	41.47	ng	#	90
45) 1,1'-Biphenyl	13.20	154	564992	38.18	ng		98
46) 2-Chloronaphthalene	13.24	162	430649	39.62	ng	#	93
47) 2-Nitroaniline	13.45	65	101748	37.74	ng		93
48) Acenaphthylene	14.10	152	696245	38.42	ng		99
49) Dimethylphthalate	13.83	163	506444	36.83	ng		99
50) 2,6-Dinitrotoluene	13.95	165	109585	38.19	ng		96
51) Acenaphthene	14.44	154	400417	38.13	ng		99
52) 3-Nitroaniline	14.28	138	45017	15.33	ng		86
53) 2,4-Dinitrophenol	14.49	184	89967	57.57	ng	#	79
54) Dibenzofuran	14.77	168	627153	41.35	ng		94
55) 4-Nitrophenol	14.60	139	171083	70.55	ng		85
56) 2,4-Dinitrotoluene	14.74	165	144991	38.95	ng	#	69
57) Fluorene	15.43	166	475286	37.80	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	118404	41.88	ng	#	100
59) Diethylphthalate	15.20	149	496044	36.74	ng		98
60) 4-Chlorophenyl-phenylether	15.42	204	234145	36.82	ng		95
61) 4-Nitroaniline	15.44	138	103298	34.45	ng	#	75
62) Azobenzene	15.71	77	437286	41.31	ng		97
64) 4,6-Dinitro-2-methylphenol	15.50	198	65037	34.06	ng		86
65) n-Nitrosodiphenylamine	15.63	169	413224	41.30	ng		98
66) 4-Bromophenyl-phenylether	16.32	248	135465	39.70	ng	#	87
67) Hexachlorobenzene	16.43	284	146620	39.99	ng	#	80
68) Atrazine	16.59	200	131033	41.99	ng		99
69) Pentachlorophenol	16.77	266	157205	75.12	ng		98
70) Phenanthrene	17.16	178	704622	39.68	ng		100
71) Anthracene	17.25	178	703043	39.84	ng		99
72) Carbazole	17.53	167	618147	40.21	ng		99
73) Di-n-butylphthalate	18.09	149	736504	40.99	ng		99
74) Fluoranthene	19.19	202	722708	39.46	ng		98
76) Benzidine	19.37	184	279876	30.07	ng		99
77) Pyrene	19.55	202	750877	36.85	ng		99
79) Butylbenzylphthalate	20.45	149	297333	37.90	ng		93
80) Benzo(a)anthracene	21.30	228	679619	39.02	ng		100
81) 3,3'-Dichlorobenzidine	21.23	252	144530	26.06	ng		100
82) Chrysene	21.35	228	626118	37.35	ng		100
83) Bis(2-ethylhexyl)phthalate	21.23	149	420877	39.11	ng		98
84) Di-n-octyl phthalate	22.11	149	737536	41.48	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	867830	49.27	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	716601	38.37	ng		98
88) Benzo(k)fluoranthene	22.94	252	672025	36.85	ng		100
89) Benzo(a)pyrene	23.47	252	700735	39.89	ng	#	98
90) Dibenzo(a,h)anthracene	25.86	278	726404	42.35	ng		99
91) Benzo(g,h,i)perylene	26.55	276	740719	42.74	ng		99

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

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