Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003434.D
Acq On : 10 Dec 2015 04:06
Operator : UM/IZ
Sample : PB87152BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Manual Integrations APPROVED
MMdadoda
12/10/2015 5:48:34 PM

Quant Time: Dec 10 05:53:15 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	73587	20.00	ng		0.00
21) Naphthalene-d8	10.52	136	318298	20.00	ng		0.00
38) Acenaphthene-d10	14.37	164	170377	20.00	ng		0.00
63) Phenanthrene-d10	17.12	188	325766	20.00	ng		0.00
75) Chrysene-d12	21.32	240	279494	20.00	ng		0.00
86) Perylene-d12	23.57	264	280110	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	566600	136.89	ng		0.00
7) Phenol-d6	6.90	99	739413	128.65	ng		0.00
23) Nitrobenzene-d5	8.88	82	435912	84.91	ng		0.00
41) 2,4,6-Tribromophenol	15.87	330	205647	120.86	ng		0.00
44) 2-Fluorobiphenyl	12.99	172	1040015	83.17	ng		0.00
78) Terphenyl-d14	19.76	244	964864	81.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	58060	33.81	ng	#	100
3) Pyridine	3.60	79	174314	36.23	ng		88
4) n-Nitrosodimethylamine	3.53	42	64198	41.68	ng		84
6) Aniline	7.05	93	197372	26.09	ng		95
8) 2-Chlorophenol	7.29	128	230115	43.91	ng		95
9) Benzaldehyde	6.86	77	112486	39.91	ng		97
10) Phenol	6.92	94	272657	44.71	ng	#	71
11) bis(2-Chloroethyl)ether	7.15	93	192987	39.11	ng		96
12) 1,3-Dichlorobenzene	7.61	146	225461	39.16	ng		98
13) 1,4-Dichlorobenzene	7.76	146	231550	39.00	ng		97
14) 1,2-Dichlorobenzene	8.07	146	225132	39.72	ng		96
15) Benzyl Alcohol	7.96	79	181450	45.62	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	198814	37.72	ng		91
17) 2-Methylphenol	8.16	107	190068	44.58	ng		97
18) Hexachloroethane	8.80	117	81062	39.74	ng		90
19) n-Nitroso-di-n-propylamine	8.53	70	149752	39.72	ng	#	88
20) 3+4-Methylphenols	8.49	107	255672	43.34	ng		97
22) Acetophenone	8.55	105	307746	39.45	ng	#	90
24) Nitrobenzene	8.92	77	229219	41.30	ng		90
25) Isophorone	9.45	82	415032	39.97	ng		98
26) 2-Nitrophenol	9.63	139	116764	41.59	ng		95
27) 2,4-Dimethylphenol	9.69	122	215552	44.10	ng		94
28) bis(2-Chloroethoxy)methane	9.93	93	268435	43.02	ng		99
29) 2,4-Dichlorophenol	10.16	162	215159	46.21	ng		98
30) 1,2,4-Trichlorobenzene	10.38	180	211759	40.73	ng		98
31) Naphthalene	10.56	128	681148	40.90	ng		100
32) Benzoic acid	9.83	122	127826m	43.18	ng		
33) 4-Chloroaniline	10.67	127	51715	7.52	ng		96
34) Hexachlorobutadiene	10.85	225	123994	40.22	ng		97
35) Caprolactam	11.45	113	60081m	39.03	ng		
36) 4-Chloro-3-methylphenol	11.80	107	221301	42.15	ng		90
37) 2-Methylnaphthalene	12.18	142	493623	43.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	229576	41.91	ng	#	100
40) Hexachlorocyclopentadiene	12.53	237	280955	91.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	160022	44.79	ng		99
43) 2,4,5-Trichlorophenol	12.87	196	169822	45.23	ng	#	90
45) 1,1'-Biphenyl	13.20	154	619468	41.00	ng		99
46) 2-Chloronaphthalene	13.25	162	468664	42.23	ng	#	93
47) 2-Nitroaniline	13.45	65	114187	41.48	ng		93
48) Acenaphthylene	14.09	152	769940	41.61	ng		100
49) Dimethylphthalate	13.83	163	568622	40.50	ng		100
50) 2,6-Dinitrotoluene	13.95	165	123290	42.09	ng		94
51) Acenaphthene	14.44	154	443840	41.40	ng		99
52) 3-Nitroaniline	14.28	138	48258	16.10	ng		91
53) 2,4-Dinitrophenol	14.49	184	110539	67.90	ng	#	77
54) Dibenzofuran	14.77	168	700164	45.21	ng		94
55) 4-Nitrophenol	14.59	139	193488	78.16	ng		83
56) 2,4-Dinitrotoluene	14.74	165	162525	42.76	ng	#	69
57) Fluorene	15.43	166	532169	41.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	133654	46.31	ng	#	100
59) Diethylphthalate	15.20	149	550207	39.91	ng		99
60) 4-Chlorophenyl-phenylether	15.42	204	260068	40.06	ng		94
61) 4-Nitroaniline	15.44	138	116183	37.95	ng		76
62) Azobenzene	15.72	77	489350	45.28	ng		96
64) 4,6-Dinitro-2-methylphenol	15.50	198	75604	38.47	ng		86
65) n-Nitrosodiphenylamine	15.64	169	463548	45.01	ng		99
66) 4-Bromophenyl-phenylether	16.32	248	152190	43.33	ng	#	88
67) Hexachlorobenzene	16.43	284	164672	43.64	ng	#	80
68) Atrazine	16.59	200	147196	45.82	ng		98
69) Pentachlorophenol	16.77	266	179238	83.20	ng		99
70) Phenanthrene	17.16	178	777744	42.55	ng		99
71) Anthracene	17.26	178	784819	43.21	ng		99
72) Carbazole	17.53	167	688202	43.49	ng		99
73) Di-n-butylphthalate	18.09	149	806491	43.60	ng		99
74) Fluoranthene	19.19	202	790829	41.95	ng		98
76) Benzidine	19.37	184	276767	30.91	ng		100
77) Pyrene	19.55	202	816183	41.64	ng		99
79) Butylbenzylphthalate	20.45	149	317660	42.08	ng		94
80) Benzo(a)anthracene	21.30	228	716187	42.74	ng		100
81) 3,3'-Dichlorobenzidine	21.23	252	135695	25.43	ng		97
82) Chrysene	21.35	228	648228	40.19	ng		100
83) Bis(2-ethylhexyl)phthalate	21.23	149	441203	42.62	ng		99
84) Di-n-octyl phthalate	22.11	149	773584	45.23	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	848825	50.09	ng	#	100
87) Benzo(b)fluoranthene	22.89	252	728003	42.76	ng		98
88) Benzo(k)fluoranthene	22.94	252	674230	40.56	ng		100
89) Benzo(a)pyrene	23.47	252	696488	43.49	ng	#	98
90) Dibenzo(a,h)anthracene	25.86	278	704615	45.06	ng		99
91) Benzo(g,h,i)perylene	26.55	276	721436	45.67	ng		99

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

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