Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM009999.D
Acq On : 11 May 2017 23:54
Operator : SJ/MA
Sample : PB98864BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB98864BS

Manual Integrations APPROVED
mohammad
5/12/2017 4:30:21 PM

Quant Time: May 12 07:26:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 19:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	59781	20.00	ng		-0.02
21) Naphthalene-d8	10.56	136	254745	20.00	ng		-0.02
38) Acenaphthene-d10	14.42	164	165838	20.00	ng		-0.02
63) Phenanthrene-d10	17.17	188	415529	20.00	ng		-0.02
75) Chrysene-d12	21.36	240	533590	20.00	ng		-0.02
86) Perylene-d12	23.66	264	431207	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	550616	144.14	ng		-0.02
7) Phenol-d6	6.95	99	848543	138.63	ng		-0.02
23) Nitrobenzene-d5	8.93	82	598819	85.91	ng		-0.02
41) 2,4,6-Tribromophenol	15.92	330	320879	141.38	ng		-0.02
44) 2-Fluorobiphenyl	13.03	172	1128869	91.03	ng		-0.02
78) Terphenyl-d14	19.80	244	2004720	79.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	45361	32.05	ng	#	100
3) Pyridine	3.68	79	173887	33.34	ng	#	93
4) n-Nitrosodimethylamine	3.60	42	110128	38.54	ng	#	66
6) Aniline	7.10	93	146439	18.43	ng	#	89
8) 2-Chlorophenol	7.33	128	188596	45.48	ng	#	80
9) Benzaldehyde	6.93	77	28182	6.15	ng	#	75
10) Phenol	6.97	94	305330	45.90	ng		91
11) bis(2-Chloroethyl)ether	7.20	93	210104	40.62	ng		84
12) 1,3-Dichlorobenzene	7.65	146	179387	38.75	ng	#	81
13) 1,4-Dichlorobenzene	7.80	146	182731	38.52	ng		95
14) 1,2-Dichlorobenzene	8.11	146	178467	38.80	ng	#	92
15) Benzyl Alcohol	8.02	79	238752	45.77	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.29	45	326070	39.73	ng		96
17) 2-Methylphenol	8.22	107	188733	43.47	ng	#	84
18) Hexachloroethane	8.82	117	78473	39.90	ng		93
19) n-Nitroso-di-n-propylamine	8.57	70	218493	39.34	ng	#	90
20) 3+4-Methylphenols	8.55	107	255838	43.28	ng		90
22) Acetophenone	8.60	105	328170	42.14	ng	#	92
24) Nitrobenzene	8.98	77	320367	43.19	ng	#	86
25) Isophorone	9.50	82	543969	45.34	ng	#	87
26) 2-Nitrophenol	9.69	139	103908	46.52	ng	#	44
27) 2,4-Dimethylphenol	9.74	122	199708	47.76	ng	#	85
28) bis(2-Chloroethoxy)methane	9.97	93	306222	42.37	ng	#	98
29) 2,4-Dichlorophenol	10.22	162	196495	48.30	ng		92
30) 1,2,4-Trichlorobenzene	10.42	180	204791	43.11	ng		98
31) Naphthalene	10.61	128	578641	41.26	ng		99
32) Benzoic acid	9.93	122	122338	43.74	ng	#	75
33) 4-Chloroaniline	10.75	127	51160	8.58	ng	#	78
34) Hexachlorobutadiene	10.87	225	128717	39.82	ng		96
35) Caprolactam	11.56	113	66053m	41.56	ng		
36) 4-Chloro-3-methylphenol	11.87	107	236830	43.56	ng		83
37) 2-Methylnaphthalene	12.22	142	443603	44.19	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	251493	41.67	ng	#	100
40) Hexachlorocyclopentadiene	12.56	237	157526	92.67	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.85	196	177966	47.89	ng		99
43) 2,4,5-Trichlorophenol	12.93	196	178782	44.29	ng	#	89
45) 1,1'-Biphenyl	13.25	154	582554	42.21	ng		95
46) 2-Chloronaphthalene	13.29	162	470194	43.35	ng		95
47) 2-Nitroaniline	13.52	65	214719	43.73	ng	#	64
48) Acenaphthylene	14.14	152	766761	44.90	ng		99
49) Dimethylphthalate	13.88	163	612811	41.92	ng	#	99
50) 2,6-Dinitrotoluene	14.02	165	133577	45.09	ng	#	61
51) Acenaphthene	14.48	154	462513	42.97	ng		99
52) 3-Nitroaniline	14.36	138	60653	19.28	ng	#	49
53) 2,4-Dinitrophenol	14.57	184	157038	88.06	ng		97
54) Dibenzofuran	14.82	168	783038	47.49	ng		97
55) 4-Nitrophenol	14.67	139	192997	91.62	ng	#	1
56) 2,4-Dinitrotoluene	14.82	165	201874	46.07	ng	#	75
57) Fluorene	15.47	166	651865	44.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.06	232	171043	49.05	ng	#	100
59) Diethylphthalate	15.24	149	655809	42.73	ng		97
60) 4-Chlorophenyl-phenylether	15.46	204	349447	44.02	ng		98
61) 4-Nitroaniline	15.53	138	134105	41.84	ng	#	18
62) Azobenzene	15.76	77	943653	50.67	ng		84
64) 4,6-Dinitro-2-methylphenol	15.58	198	108579	40.85	ng	#	85
65) n-Nitrosodiphenylamine	15.69	169	567317	44.00	ng		99
66) 4-Bromophenyl-phenylether	16.36	248	219659	44.51	ng	#	93
67) Hexachlorobenzene	16.47	284	236697	43.21	ng		95
68) Atrazine	16.64	200	202439	42.96	ng		95
69) Pentachlorophenol	16.83	266	219245	81.72	ng		98
70) Phenanthrene	17.22	178	1048678	43.97	ng		99
71) Anthracene	17.31	178	1094533	44.99	ng		99
72) Carbazole	17.59	167	967055	44.53	ng		99
73) Di-n-butylphthalate	18.13	149	1156218	41.87	ng	#	97
74) Fluoranthene	19.23	202	1299007	42.45	ng		97
76) Benzidine	19.43	184	432583	32.43	ng		99
77) Pyrene	19.60	202	1350670	42.53	ng		99
79) Butylbenzylphthalate	20.49	149	551183	41.68	ng	#	65
80) Benzo(a)anthracene	21.34	228	1411437	44.03	ng		97
81) 3,3'-Dichlorobenzidine	21.28	252	344544	29.17	ng	#	96
82) Chrysene	21.40	228	1260449	41.92	ng		98
83) Bis(2-ethylhexyl)phthalate	21.25	149	798897	40.46	ng		98
84) Di-n-octyl phthalate	22.14	149	1361400	40.19	ng	#	86
85) Indeno(1,2,3-cd)pyrene	25.99	276	1168146	46.09	ng	#	100
87) Benzo(b)fluoranthene	22.96	252	1290973	44.21	ng	#	96
88) Benzo(k)fluoranthene	23.01	252	1223676	44.10	ng		97
89) Benzo(a)pyrene	23.56	252	1177923	45.75	ng		99
90) Dibenzo(a,h)anthracene	26.00	278	1001767	44.09	ng	#	96
91) Benzo(g,h,i)perylene	26.71	276	902892	43.12	ng	#	92

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

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