Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080417\
Data File : BM011120.D
Acq On : 04 Aug 2017 16:45
Operator : SJ/JU
Sample : PB101225BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101225BS

Manual Integrations APPROVED
Sohil
8/7/2017 6:07:38 PM

Quant Time: Aug 07 10:30:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	188851	20.00	ng		-0.07
21) Naphthalene-d8	10.08	136	871320	20.00	ng		-0.07
38) Acenaphthene-d10	13.99	164	702130	20.00	ng		-0.06
63) Phenanthrene-d10	16.74	188	1918135	20.00	ng		-0.06
75) Chrysene-d12	20.97	240	1896064	20.00	ng		-0.06
86) Perylene-d12	23.06	264	1531321	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	1553814	139.08	ng		-0.06
7) Phenol-d6	6.53	99	2307046	145.34	ng		-0.06
23) Nitrobenzene-d5	8.47	82	1841887	79.34	ng		-0.07
41) 2,4,6-Tribromophenol	15.50	330	1567191	139.26	ng		-0.06
44) 2-Fluorobiphenyl	12.60	172	4562854	81.50	ng		-0.06
78) Terphenyl-d14	19.42	244	6965229	72.77	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	204086	40.687	ng	#	100
3) Pyridine	3.33	79	483399	35.282	ng		87
4) n-Nitrosodimethylamine	3.25	42	309493	44.326	ng	#	68
6) Aniline	6.67	93	835626	41.770	ng	#	87
8) 2-Chlorophenol	6.89	128	542185	47.802	ng	#	75
9) Benzaldehyde	6.48	77	321155	31.271	ng		81
10) Phenol	6.55	94	812725	47.140	ng		99
11) bis(2-Chloroethyl)ether	6.77	93	559446	41.646	ng		93
12) 1,3-Dichlorobenzene	7.21	146	571525	41.346	ng	#	78
13) 1,4-Dichlorobenzene	7.36	146	587961	41.497	ng	#	91
14) 1,2-Dichlorobenzene	7.66	146	633678	46.776	ng	#	90
15) Benzyl Alcohol	7.57	79	741481	48.695	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.86	45	657216	54.369	ng		78
17) 2-Methylphenol	7.77	107	549559	49.875	ng	#	76
18) Hexachloroethane	8.37	117	309760	50.131	ng	#	80
19) n-Nitroso-di-n-propylamine	8.13	70	742251	55.028	ng	#	90
20) 3+4-Methylphenols	8.10	107	718799	46.929	ng	#	83
22) Acetophenone	8.14	105	1057554	40.491	ng	#	92
24) Nitrobenzene	8.51	77	926630	38.518	ng	#	87
25) Isophorone	9.03	82	1935382	49.999	ng	#	84
26) 2-Nitrophenol	9.21	139	300805	39.297	ng	#	17
27) 2,4-Dimethylphenol	9.29	122	568575	42.195	ng	#	67
28) bis(2-Chloroethoxy)methane	9.52	93	892623	41.346	ng		98
29) 2,4-Dichlorophenol	9.74	162	625674	41.321	ng		93
30) 1,2,4-Trichlorobenzene	9.95	180	777191	41.512	ng		97
31) Naphthalene	10.13	128	1869703	42.655	ng		98
32) Benzoic acid	9.45	122	374975	34.620	ng	#	55
33) 4-Chloroaniline	10.26	127	362194	20.713	ng	#	76
34) Hexachlorobutadiene	10.42	225	655812	44.474	ng		93
35) Caprolactam	11.06	113	226695m	52.793	ng		
36) 4-Chloro-3-methylphenol	11.39	107	861595	44.067	ng	#	70
37) 2-Methylnaphthalene	11.76	142	1393457	43.274	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.14	216	1116747	37.020	ng	#	100
40) Hexachlorocyclopentadiene	12.12	237	924173	52.578	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	736773	40.353	ng		97
43) 2,4,5-Trichlorophenol	12.46	196	757489	40.281	ng	#	87
45) 1,1'-Biphenyl	12.80	154	2211863	36.432	ng		96
46) 2-Chloronaphthalene	12.84	162	1734394	38.773	ng	#	93
47) 2-Nitroaniline	13.06	65	566257	35.782	ng	#	66
48) Acenaphthylene	13.70	152	2763291	41.393	ng		99
49) Dimethylphthalate	13.47	163	2556577	42.564	ng	#	99
50) 2,6-Dinitrotoluene	13.58	165	525042	43.227	ng	#	53
51) Acenaphthene	14.05	154	1711229	41.399	ng		99
52) 3-Nitroaniline	13.91	138	297133	28.191	ng	#	22
53) 2,4-Dinitrophenol	14.12	184	715119	82.844	ng	#	87
54) Dibenzofuran	14.39	168	2928745	43.729	ng	#	91
55) 4-Nitrophenol	14.24	139	451393	48.745	ng		89
56) 2,4-Dinitrotoluene	14.38	165	777794	45.614	ng	#	87
57) Fluorene	15.04	166	2544732	43.639	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.63	232	879934	49.922	ng	#	100
59) Diethylphthalate	14.85	149	2757880	44.959	ng		100
60) 4-Chlorophenyl-phenylether	15.05	204	1523764	43.280	ng		98
61) 4-Nitroaniline	15.09	138	137398	12.273	ng	#	1
62) Azobenzene	15.34	77	3307566	50.381	ng		87
64) 4,6-Dinitro-2-methylphenol	15.14	198	545291	41.992	ng		93
65) n-Nitrosodiphenylamine	15.27	169	2135379	38.900	ng		98
66) 4-Bromophenyl-phenylether	15.95	248	1040241	42.186	ng	#	92
67) Hexachlorobenzene	16.05	284	1095266	39.307	ng	#	89
68) Atrazine	16.24	200	979300	44.517	ng		97
69) Pentachlorophenol	16.40	266	1425671	80.592	ng		97
70) Phenanthrene	16.79	178	4355227	43.363	ng		99
71) Anthracene	16.88	178	4274212	42.671	ng		99
72) Carbazole	17.16	167	2401389	27.413	ng		99
73) Di-n-butylphthalate	17.74	149	4827800	45.256	ng	#	96
74) Fluoranthene	18.82	202	5301794	42.596	ng		99
76) Benzidine	19.05	184	525638m	11.588	ng		
77) Pyrene	19.19	202	5524649	49.037	ng		99
79) Butylbenzylphthalate	20.13	149	2052265	51.227	ng	#	64
80) Benzo(a)anthracene	20.96	228	4770567	44.064	ng		99
81) 3,3'-Dichlorobenzidine	20.90	252	1029619	24.243	ng	#	97
82) Chrysene	21.01	228	4485110	43.158	ng		99
83) Bis(2-ethylhexyl)phthalate	20.92	149	2941328	49.907	ng	#	99
84) Di-n-octyl phthalate	21.77	149	4747776	49.635	ng		97
85) Indeno(1,2,3-cd)pyrene	25.10	276	3537570	32.868	ng	#	96
87) Benzo(b)fluoranthene	22.44	252	4569961	46.498	ng	#	92
88) Benzo(k)fluoranthene	22.49	252	4134326	43.889	ng	#	94
89) Benzo(a)pyrene	22.97	252	3893794	43.784	ng	#	95
90) Dibenzo(a,h)anthracene	25.11	278	2584664	31.351	ng	#	90
91) Benzo(g,h,i)perylene	25.71	276	3148661m	38.894	ng		

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

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