Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
Data File : BM011262.D
Acq On : 16 Aug 2017 19:56
Operator : SJ/JU
Sample : PB101577BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101577BSD

Manual Integrations APPROVED
Sohil
8/17/2017 6:00:31 PM

Quant Time: Aug 17 04:03:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	121617	20.00	ng		-0.01
21) Naphthalene-d8	10.03	136	460275	20.00	ng		-0.01
38) Acenaphthene-d10	13.95	164	341726	20.00	ng		-0.01
63) Phenanthrene-d10	16.70	188	962550	20.00	ng		-0.01
75) Chrysene-d12	20.93	240	1320989	20.00	ng		-0.01
86) Perylene-d12	23.00	264	1107931	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	653006	90.77	ng		-0.01
7) Phenol-d6	6.48	99	920576	90.06	ng		-0.01
23) Nitrobenzene-d5	8.42	82	1240734	101.17	ng		-0.02
41) 2,4,6-Tribromophenol	15.45	330	500606	91.40	ng		-0.02
44) 2-Fluorobiphenyl	12.55	172	2249312	82.55	ng		-0.01
78) Terphenyl-d14	19.37	244	4855046	72.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	132332	40.967	ng	#	100
3) Pyridine	3.28	79	389719	44.169	ng		89
4) n-Nitrosodimethylamine	3.20	42	231362	51.455	ng	#	66
6) Aniline	6.62	93	407654	31.642	ng	#	80
8) 2-Chlorophenol	6.85	128	288867	39.548	ng	#	70
9) Benzaldehyde	6.43	77	163163	24.670	ng	#	62
10) Phenol	6.51	94	481122	43.334	ng		93
11) bis(2-Chloroethyl)ether	6.73	93	358702	41.464	ng		86
12) 1,3-Dichlorobenzene	7.16	146	348550	39.155	ng	#	72
13) 1,4-Dichlorobenzene	7.31	146	353091	38.697	ng	#	89
14) 1,2-Dichlorobenzene	7.62	146	331431	37.990	ng	#	88
15) Benzyl Alcohol	7.53	79	461228	47.035	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.80	45	368659	47.358	ng		83
17) 2-Methylphenol	7.73	107	301101	42.433	ng	#	71
18) Hexachloroethane	8.33	117	163881	41.185	ng	#	81
19) n-Nitroso-di-n-propylamine	8.09	70	408857	47.069	ng	#	95
20) 3+4-Methylphenols	8.06	107	404302	40.989	ng	#	78
22) Acetophenone	8.09	105	594070	43.058	ng	#	87
24) Nitrobenzene	8.46	77	617340	48.578	ng	#	79
25) Isophorone	8.99	82	979495	47.903	ng	#	82
26) 2-Nitrophenol	9.16	139	165552	40.942	ng	#	1
27) 2,4-Dimethylphenol	9.25	122	290296	40.782	ng	#	62
28) bis(2-Chloroethoxy)methane	9.48	93	504925	44.275	ng		98
29) 2,4-Dichlorophenol	9.69	162	331997	41.506	ng		93
30) 1,2,4-Trichlorobenzene	9.90	180	417145	42.178	ng		96
31) Naphthalene	10.08	128	933946	40.335	ng		98
32) Benzoic acid	9.39	122	200638	35.067	ng	#	50
33) 4-Chloroaniline	10.22	127	192111	20.798	ng	#	67
34) Hexachlorobutadiene	10.37	225	343974	44.158	ng		98
35) Caprolactam	11.00	113	111297m	49.065	ng		
36) 4-Chloro-3-methylphenol	11.35	107	434825	42.100	ng	#	67
37) 2-Methylnaphthalene	11.71	142	733866	43.143	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	561812	38.266	ng	#	100
40) Hexachlorocyclopentadiene	12.07	237	882880	103.202	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	347809	39.140	ng		99
43) 2,4,5-Trichlorophenol	12.42	196	382193	41.759	ng	#	84
45) 1,1'-Biphenyl	12.76	154	1062981	35.974	ng		93
46) 2-Chloronaphthalene	12.80	162	833285	38.275	ng		94
47) 2-Nitroaniline	13.02	65	423105	54.934	ng	#	58
48) Acenaphthylene	13.66	152	1297693	39.941	ng		99
49) Dimethylphthalate	13.42	163	1151854	39.402	ng	#	99
50) 2,6-Dinitrotoluene	13.54	165	252948	42.789	ng	#	41
51) Acenaphthene	14.01	154	794718	39.504	ng		98
52) 3-Nitroaniline	13.87	138	201013	39.185	ng	#	16
53) 2,4-Dinitrophenol	14.08	184	396847	94.459	ng	#	70
54) Dibenzofuran	14.35	168	1420688	43.584	ng		92
55) 4-Nitrophenol	14.20	139	367517	81.544	ng	#	76
56) 2,4-Dinitrotoluene	14.34	165	383661	46.230	ng	#	75
57) Fluorene	15.00	166	1175312	41.412	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.59	232	428730	49.976	ng	#	100
59) Diethylphthalate	14.81	149	1255761	42.062	ng		98
60) 4-Chlorophenyl-phenylether	15.01	204	715293	41.744	ng		98
61) 4-Nitroaniline	15.04	138	197987	36.336	ng	#	1
62) Azobenzene	15.30	77	1755319	54.936	ng		83
64) 4,6-Dinitro-2-methylphenol	15.10	198	276024	42.359	ng		95
65) n-Nitrosodiphenylamine	15.23	169	1057183	38.378	ng		98
66) 4-Bromophenyl-phenylether	15.91	248	480683	38.846	ng	#	89
67) Hexachlorobenzene	16.01	284	514719	36.811	ng	#	85
68) Atrazine	16.21	200	483947	43.839	ng		95
69) Pentachlorophenol	16.36	266	716144	80.673	ng		97
70) Phenanthrene	16.74	178	2169749	43.050	ng		100
71) Anthracene	16.84	178	2192310	43.614	ng		99
72) Carbazole	17.12	167	1851997	42.130	ng		99
73) Di-n-butylphthalate	17.71	149	2306879	43.093	ng	#	95
74) Fluoranthene	18.78	202	2965550	47.480	ng		98
76) Benzidine	18.99	184	1603708	50.747	ng		99
77) Pyrene	19.14	202	3067296	39.078	ng		100
79) Butylbenzylphthalate	20.09	149	1079983	38.693	ng	#	53
80) Benzo(a)anthracene	20.92	228	3064024	40.622	ng		99
81) 3,3'-Dichlorobenzidine	20.87	252	864025	29.200	ng	#	93
82) Chrysene	20.97	228	2892495	39.950	ng		100
83) Bis(2-ethylhexyl)phthalate	20.89	149	1540422	37.515	ng	#	95
84) Di-n-octyl phthalate	21.73	149	2499170	37.501	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.01	276	2904109	38.729	ng	#	95
87) Benzo(b)fluoranthene	22.40	252	2887307	40.604	ng	#	91
88) Benzo(k)fluoranthene	22.44	252	2735778	40.141	ng	#	94
89) Benzo(a)pyrene	22.92	252	2717637	42.236	ng	#	96
90) Dibenzo(a,h)anthracene	25.03	278	2403886	40.301	ng	#	90
91) Benzo(g,h,i)perylene	25.63	276	2412607	41.190	ng	#	84

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

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