Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM082217\
Data File : BM011328.D
Acq On : 22 Aug 2017 15:42
Operator : SJ/JU
Sample : PB101735BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101735BS

Manual Integrations APPROVED
Sohil
8/23/2017 7:21:26 PM

Quant Time: Aug 23 03:24:11 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	127974	20.00	ng		-0.02
21) Naphthalene-d8	10.02	136	468523	20.00	ng		-0.02
38) Acenaphthene-d10	13.93	164	324046	20.00	ng		-0.02
63) Phenanthrene-d10	16.69	188	815786	20.00	ng		-0.02
75) Chrysene-d12	20.92	240	1092760	20.00	ng		-0.02
86) Perylene-d12	22.99	264	1055216	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	1014327	133.98	ng		-0.02
7) Phenol-d6	6.47	99	1462025	135.92	ng		-0.02
23) Nitrobenzene-d5	8.42	82	1278724	102.43	ng		-0.02
41) 2,4,6-Tribromophenol	15.44	330	651589	125.46	ng		-0.02
44) 2-Fluorobiphenyl	12.54	172	2222721	86.02	ng		-0.02
78) Terphenyl-d14	19.37	244	3794349	68.78	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	133614	39.309	ng	#	100
3) Pyridine	3.28	79	405694	43.696	ng	#	86
4) n-Nitrosodimethylamine	3.20	42	246865	52.176	ng	#	66
6) Aniline	6.62	93	345933	25.518	ng	#	73
8) 2-Chlorophenol	6.84	128	290299	37.770	ng	#	67
9) Benzaldehyde	6.43	77	287968	41.377	ng	#	73
10) Phenol	6.50	94	504410	43.175	ng		95
11) bis(2-Chloroethyl)ether	6.72	93	384489	42.237	ng		86
12) 1,3-Dichlorobenzene	7.16	146	357563	38.172	ng	#	74
13) 1,4-Dichlorobenzene	7.30	146	358052	37.291	ng	#	89
14) 1,2-Dichlorobenzene	7.61	146	334895	36.480	ng	#	89
15) Benzyl Alcohol	7.52	79	488115	47.304	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.80	45	404125	49.335	ng		83
17) 2-Methylphenol	7.72	107	310184	41.542	ng	#	68
18) Hexachloroethane	8.32	117	170937	40.824	ng	#	85
19) n-Nitroso-di-n-propylamine	8.07	70	434305	47.515	ng	#	87
20) 3+4-Methylphenols	8.05	107	413084	39.799	ng	#	75
22) Acetophenone	8.09	105	606430	43.180	ng	#	86
24) Nitrobenzene	8.46	77	654621	50.605	ng	#	79
25) Isophorone	8.98	82	1011943	48.619	ng	#	83
26) 2-Nitrophenol	9.16	139	163195	39.649	ng	#	1
27) 2,4-Dimethylphenol	9.23	122	296560	40.929	ng	#	69
28) bis(2-Chloroethoxy)methane	9.47	93	530393	45.689	ng	#	96
29) 2,4-Dichlorophenol	9.69	162	330395	40.579	ng		85
30) 1,2,4-Trichlorobenzene	9.89	180	429347	42.648	ng		98
31) Naphthalene	10.07	128	945963	40.135	ng		99
32) Benzoic acid	9.37	122	182427	31.323	ng	#	17
33) 4-Chloroaniline	10.20	127	125858	13.386	ng	#	72
34) Hexachlorobutadiene	10.36	225	347577	43.835	ng		96
35) Caprolactam	10.99	113	97150m	42.075	ng		
36) 4-Chloro-3-methylphenol	11.34	107	419959	39.945	ng	#	71
37) 2-Methylnaphthalene	11.70	142	738996	42.680	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	557014	40.010	ng	#	100
40) Hexachlorocyclopentadiene	12.06	237	775089	95.545	ng		99

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42) 2,4,6-Trichlorophenol	12.34	196	342963	40.700	ng		99
43) 2,4,5-Trichlorophenol	12.42	196	366277	42.203	ng	#	81
45) 1,1'-Biphenyl	12.75	154	1017044	36.298	ng		96
46) 2-Chloronaphthalene	12.79	162	829194	40.165	ng		92
47) 2-Nitroaniline	13.02	65	391067	53.545	ng	#	60
48) Acenaphthylene	13.65	152	1253536	40.687	ng		97
49) Dimethylphthalate	13.42	163	1085493	39.158	ng	#	98
50) 2,6-Dinitrotoluene	13.53	165	226191	40.350	ng	#	35
51) Acenaphthene	14.00	154	755570	39.607	ng		96
52) 3-Nitroaniline	13.86	138	170206	34.990	ng	#	7
53) 2,4-Dinitrophenol	14.07	184	299828	75.260	ng	#	61
54) Dibenzofuran	14.34	168	1330204	43.034	ng	#	90
55) 4-Nitrophenol	14.19	139	288871	67.591	ng	#	63
56) 2,4-Dinitrotoluene	14.33	165	326523	41.492	ng	#	60
57) Fluorene	15.00	166	1091894	40.572	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.58	232	383021	47.084	ng	#	100
59) Diethylphthalate	14.80	149	1085054	38.327	ng		98
60) 4-Chlorophenyl-phenylether	15.00	204	653738	40.233	ng		96
61) 4-Nitroaniline	15.04	138	162976	31.543	ng	#	1
62) Azobenzene	15.30	77	1712574	56.522	ng		85
64) 4,6-Dinitro-2-methylphenol	15.10	198	213743	38.702	ng		90
65) n-Nitrosodiphenylamine	15.23	169	962853	41.242	ng		98
66) 4-Bromophenyl-phenylether	15.90	248	440774	42.029	ng	#	91
67) Hexachlorobenzene	16.00	284	435283	36.731	ng	#	84
68) Atrazine	16.20	200	413464	44.193	ng		95
69) Pentachlorophenol	16.36	266	605266	80.449	ng		97
70) Phenanthrene	16.74	178	1846685	43.231	ng		100
71) Anthracene	16.83	178	1893270	44.441	ng		100
72) Carbazole	17.11	167	1613856	43.317	ng		99
73) Di-n-butylphthalate	17.70	149	1867128	41.153	ng	#	94
74) Fluoranthene	18.77	202	2475966	46.773	ng		96
76) Benzidine	18.99	184	1560198	59.682	ng		99
77) Pyrene	19.14	202	2571124	39.598	ng		99
79) Butylbenzylphthalate	20.09	149	890843	38.583	ng	#	54
80) Benzo(a)anthracene	20.91	228	2713296	43.485	ng		98
81) 3,3'-Dichlorobenzidine	20.86	252	791622	32.341	ng	#	97
82) Chrysene	20.96	228	2566215	42.846	ng		98
83) Bis(2-ethylhexyl)phthalate	20.88	149	1286958	37.889	ng	#	99
84) Di-n-octyl phthalate	21.72	149	2200227	39.911	ng	#	92
85) Indeno(1,2,3-cd)pyrene	25.00	276	2861106	46.125	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2756099	40.695	ng	#	93
88) Benzo(k)fluoranthene	22.43	252	2567915	39.560	ng	#	95
89) Benzo(a)pyrene	22.90	252	2632196	42.952	ng	#	96
90) Dibenzo(a,h)anthracene	25.01	278	2343708	41.255	ng	#	90
91) Benzo(g,h,i)perylene	25.61	276	2356264	42.238	ng	#	84

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

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