Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
Data File : BM011079.D
Acq On : 01 Aug 2017 13:12
Operator : SJ/JU
Sample : PB101132BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB101132BS

Quant Time: Aug 01 16:15:34 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	7.39	152	186523	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	766548	20.00	ng		0.00
38) Acenaphthene-d10	14.04	164	576402	20.00	ng		-0.01
63) Phenanthrene-d10	16.80	188	1392604	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	1194731	20.00	ng		0.00
86) Perylene-d12	23.13	264	932499	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1101967	99.87	ng		0.00
7) Phenol-d6	6.59	99	1513250	96.53	ng		0.00
23) Nitrobenzene-d5	8.53	82	1355045	66.35	ng		0.00
41) 2,4,6-Tribromophenol	15.54	330	861967	93.30	ng		-0.01
44) 2-Fluorobiphenyl	12.65	172	2916820	63.46	ng		-0.01
78) Terphenyl-d14	19.46	244	3931966	65.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.04	88	126776	25.590	ng	#	100
3) Pyridine	3.40	79	392314	28.991	ng		87
4) n-Nitrosodimethylamine	3.33	42	231064	33.507	ng	#	66
6) Aniline	6.73	93	436343	22.084	ng	#	86
8) 2-Chlorophenol	6.96	128	332912	29.718	ng	#	75
9) Benzaldehyde	6.55	77	349421	34.448	ng	#	74
10) Phenol	6.61	94	514887	30.238	ng		91
11) bis(2-Chloroethyl)ether	6.83	93	381028	28.718	ng		87
12) 1,3-Dichlorobenzene	7.27	146	389435	28.525	ng	#	76
13) 1,4-Dichlorobenzene	7.42	146	398077	28.446	ng	#	90
14) 1,2-Dichlorobenzene	7.73	146	381986	28.549	ng	#	90
15) Benzyl Alcohol	7.63	79	499887	33.238	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	7.91	45	367598	30.789	ng		75
17) 2-Methylphenol	7.83	107	335791	30.855	ng	#	75
18) Hexachloroethane	8.44	117	181436	29.730	ng	#	78
19) n-Nitroso-di-n-propylamine	8.19	70	416500	31.263	ng	#	94
20) 3+4-Methylphenols	8.16	107	461849	30.529	ng	#	76
22) Acetophenone	8.20	105	645809	28.106	ng	#	93
24) Nitrobenzene	8.57	77	670522	31.682	ng	#	83
25) Isophorone	9.09	82	1042382	30.610	ng	#	83
26) 2-Nitrophenol	9.27	139	192965	28.655	ng	#	17
27) 2,4-Dimethylphenol	9.35	122	342135	28.861	ng	#	62
28) bis(2-Chloroethoxy)methane	9.58	93	580664	30.572	ng	#	96
29) 2,4-Dichlorophenol	9.80	162	417428	31.336	ng		90
30) 1,2,4-Trichlorobenzene	10.01	180	494837	30.043	ng		93
31) Naphthalene	10.19	128	1151033	29.849	ng		97
32) Benzoic acid	9.49	122	224862	23.598	ng	#	43
33) 4-Chloroaniline	10.33	127	196479	12.772	ng	#	74
34) Hexachlorobutadiene	10.48	225	409827	31.591	ng		98
35) Caprolactam	11.10	113	104138	27.566	ng	#	82
36) 4-Chloro-3-methylphenol	11.45	107	499806	29.057	ng	#	72
37) 2-Methylnaphthalene	11.82	142	921592	32.532	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	682225	27.549	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	1131110	78.387	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	426633	28.463	ng		97
43) 2,4,5-Trichlorophenol	12.52	196	442642	28.673	ng	#	85
45) 1,1'-Biphenyl	12.86	154	1347841	27.043	ng		98
46) 2-Chloronaphthalene	12.90	162	1072784	29.214	ng	#	91
47) 2-Nitroaniline	13.12	65	412500	31.752	ng	#	64
48) Acenaphthylene	13.76	152	1565105	28.559	ng		99
49) Dimethylphthalate	13.52	163	1358263	27.546	ng	#	98
50) 2,6-Dinitrotoluene	13.63	165	278903	27.971	ng	#	54
51) Acenaphthene	14.10	154	974363	28.714	ng		97
52) 3-Nitroaniline	13.96	138	230378	26.625	ng	#	43
53) 2,4-Dinitrophenol	14.17	184	352314	49.717	ng	#	81
54) Dibenzofuran	14.44	168	1715616	31.203	ng	#	89
55) 4-Nitrophenol	14.29	139	344750	45.349	ng		90
56) 2,4-Dinitrotoluene	14.43	165	388449	27.750	ng	#	85
57) Fluorene	15.10	166	1397821	29.200	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.68	232	465077	32.141	ng	#	100
59) Diethylphthalate	14.90	149	1433202	28.461	ng		98
60) 4-Chlorophenyl-phenylether	15.10	204	880766	30.474	ng		96
61) 4-Nitroaniline	15.13	138	231367	25.174	ng	#	1
62) Azobenzene	15.40	77	1894435	35.150	ng		86
64) 4,6-Dinitro-2-methylphenol	15.19	198	245650	26.056	ng		95
65) n-Nitrosodiphenylamine	15.32	169	1211703	30.403	ng		98
66) 4-Bromophenyl-phenylether	16.00	248	571781	31.939	ng	#	90
67) Hexachlorobenzene	16.10	284	578997	28.621	ng	#	85
68) Atrazine	16.29	200	474351	29.700	ng		96
69) Pentachlorophenol	16.46	266	708549	55.169	ng		97
70) Phenanthrene	16.84	178	2241791	30.743	ng		100
71) Anthracene	16.93	178	2242502	30.836	ng		99
72) Carbazole	17.21	167	1740587	27.368	ng		99
73) Di-n-butylphthalate	17.80	149	2176092	28.097	ng	#	97
74) Fluoranthene	18.87	202	2497561	27.639	ng		98
76) Benzidine	19.08	184	1446683	50.616	ng		99
77) Pyrene	19.24	202	2506600	35.309	ng		99
79) Butylbenzylphthalate	20.17	149	793617	31.438	ng	#	68
80) Benzo(a)anthracene	21.00	228	2123099	31.122	ng		99
81) 3,3'-Dichlorobenzidine	20.95	252	621474	23.222	ng	#	95
82) Chrysene	21.06	228	1964138	29.995	ng		100
83) Bis(2-ethylhexyl)phthalate	20.97	149	1125254	30.301	ng		98
84) Di-n-octyl phthalate	21.81	149	1634325	27.115	ng		97
85) Indeno(1,2,3-cd)pyrene	25.20	276	1873210	27.621	ng	#	97
87) Benzo(b)fluoranthene	22.51	252	1807771	30.205	ng	#	89
88) Benzo(k)fluoranthene	22.55	252	1764383	30.758	ng	#	95
89) Benzo(a)pyrene	23.04	252	1669041	30.819	ng	#	95
90) Dibenzo(a,h)anthracene	25.21	278	1554979	30.973	ng	#	92
91) Benzo(g,h,i)perylene	25.83	276	1545713	31.355	ng	#	84

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

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