Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
Data File : BM011261.D
Acq On : 16 Aug 2017 19:20
Operator : SJ/JU
Sample : PB101577BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Manual Integrations APPROVED
Sohil
8/17/2017 6:00:30 PM

Quant Time: Aug 17 04:01:00 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	117921	20.00	ng		-0.01
21) Naphthalene-d8	10.03	136	442668	20.00	ng		-0.01
38) Acenaphthene-d10	13.95	164	335098	20.00	ng		-0.01
63) Phenanthrene-d10	16.70	188	981702	20.00	ng		-0.01
75) Chrysene-d12	20.93	240	1262455	20.00	ng		-0.01
86) Perylene-d12	23.00	264	1134727	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	595416	85.35	ng		-0.01
7) Phenol-d6	6.48	99	855717	86.34	ng		-0.01
23) Nitrobenzene-d5	8.42	82	1177678	99.85	ng		-0.02
41) 2,4,6-Tribromophenol	15.45	330	484258	90.16	ng		-0.02
44) 2-Fluorobiphenyl	12.55	172	2184887	81.77	ng		-0.01
78) Terphenyl-d14	19.37	244	4598696	72.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	115140	36.762	ng	#	100
3) Pyridine	3.29	79	351025	41.031	ng		87
4) n-Nitrosodimethylamine	3.20	42	218075	50.020	ng	#	71
6) Aniline	6.62	93	425822	34.089	ng	#	81
8) 2-Chlorophenol	6.85	128	268653	37.933	ng	#	66
9) Benzaldehyde	6.43	77	142287	22.188	ng	#	68
10) Phenol	6.51	94	451407	41.932	ng		94
11) bis(2-Chloroethyl)ether	6.73	93	329507	39.283	ng		87
12) 1,3-Dichlorobenzene	7.16	146	323342	37.462	ng	#	76
13) 1,4-Dichlorobenzene	7.31	146	322847	36.491	ng	#	86
14) 1,2-Dichlorobenzene	7.62	146	311875	36.869	ng	#	83
15) Benzyl Alcohol	7.53	79	447359	47.051	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.82	45	343137	45.461	ng		72
17) 2-Methylphenol	7.73	107	290288	42.192	ng	#	68
18) Hexachloroethane	8.33	117	146546	37.982	ng	#	82
19) n-Nitroso-di-n-propylamine	8.09	70	383504	45.534	ng	#	89
20) 3+4-Methylphenols	8.06	107	381883	39.929	ng	#	74
22) Acetophenone	8.09	105	547974	41.296	ng	#	86
24) Nitrobenzene	8.46	77	594595	48.650	ng	#	79
25) Isophorone	8.99	82	936710	47.633	ng	#	84
26) 2-Nitrophenol	9.16	139	151234	38.889	ng	#	1
27) 2,4-Dimethylphenol	9.25	122	278710	40.712	ng	#	62
28) bis(2-Chloroethoxy)methane	9.48	93	480599	43.818	ng	#	98
29) 2,4-Dichlorophenol	9.70	162	322706	41.949	ng		89
30) 1,2,4-Trichlorobenzene	9.90	180	390020	41.004	ng		97
31) Naphthalene	10.08	128	890194	39.974	ng		100
32) Benzoic acid	9.39	122	192784	35.035	ng	#	42
33) 4-Chloroaniline	10.22	127	210993	23.751	ng	#	67
34) Hexachlorobutadiene	10.37	225	318238	42.479	ng		94
35) Caprolactam	11.00	113	109585m	50.232	ng		
36) 4-Chloro-3-methylphenol	11.35	107	439085	44.204	ng	#	71
37) 2-Methylnaphthalene	11.71	142	719789	43.999	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	544438	37.816	ng	#	100
40) Hexachlorocyclopentadiene	12.07	237	851920	101.553	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	350417	40.213	ng		97
43) 2,4,5-Trichlorophenol	12.42	196	381293	42.484	ng	#	86
45) 1,1'-Biphenyl	12.76	154	1032378	35.630	ng		94
46) 2-Chloronaphthalene	12.80	162	808286	37.861	ng		94
47) 2-Nitroaniline	13.02	65	416025	55.083	ng	#	60
48) Acenaphthylene	13.66	152	1261699	39.601	ng		100
49) Dimethylphthalate	13.43	163	1160459	40.482	ng	#	98
50) 2,6-Dinitrotoluene	13.54	165	243092	41.935	ng	#	37
51) Acenaphthene	14.01	154	769691	39.016	ng		95
52) 3-Nitroaniline	13.87	138	190709	37.912	ng	#	7
53) 2,4-Dinitrophenol	14.08	184	402633	97.732	ng	#	75
54) Dibenzofuran	14.35	168	1400112	43.802	ng	#	89
55) 4-Nitrophenol	14.20	139	349901	79.171	ng	#	70
56) 2,4-Dinitrotoluene	14.34	165	374986	46.079	ng	#	75
57) Fluorene	15.00	166	1170250	42.049	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.59	232	425340	50.562	ng	#	100
59) Diethylphthalate	14.81	149	1252887	42.796	ng		99
60) 4-Chlorophenyl-phenylether	15.01	204	688327	40.965	ng		95
61) 4-Nitroaniline	15.05	138	182895	34.230	ng	#	1
62) Azobenzene	15.30	77	1785267	56.978	ng		84
64) 4,6-Dinitro-2-methylphenol	15.10	198	274182	41.255	ng		94
65) n-Nitrosodiphenylamine	15.23	169	1067921	38.011	ng		99
66) 4-Bromophenyl-phenylether	15.91	248	486520	38.551	ng	#	90
67) Hexachlorobenzene	16.01	284	496126	34.789	ng	#	84
68) Atrazine	16.20	200	473662	42.071	ng		94
69) Pentachlorophenol	16.36	266	706803	78.067	ng		97
70) Phenanthrene	16.74	178	2151060	41.846	ng		100
71) Anthracene	16.84	178	2166156	42.253	ng		99
72) Carbazole	17.12	167	1824187	40.688	ng		98
73) Di-n-butylphthalate	17.71	149	2289671	41.937	ng	#	95
74) Fluoranthene	18.78	202	2833412	44.479	ng		98
76) Benzidine	18.99	184	1529786	50.653	ng		97
77) Pyrene	19.14	202	2946494	39.279	ng		99
79) Butylbenzylphthalate	20.09	149	1047810	39.281	ng	#	56
80) Benzo(a)anthracene	20.92	228	2964015	41.118	ng		99
81) 3,3'-Dichlorobenzidine	20.87	252	878674	31.072	ng	#	97
82) Chrysene	20.97	228	2786386	40.269	ng		99
83) Bis(2-ethylhexyl)phthalate	20.89	149	1487194	37.898	ng	#	98
84) Di-n-octyl phthalate	21.73	149	2403607	37.739	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.01	276	2917223	40.708	ng	#	96
87) Benzo(b)fluoranthene	22.40	252	2882088	39.574	ng	#	91
88) Benzo(k)fluoranthene	22.44	252	2751672	39.421	ng	#	94
89) Benzo(a)pyrene	22.92	252	2700697	40.982	ng	#	95
90) Dibenzo(a,h)anthracene	25.03	278	2399602	39.279	ng	#	90
91) Benzo(g,h,i)perylene	25.62	276	2408949	40.157	ng	#	85

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

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