Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015285.D
Acq On : 23 May 2018 20:47
Operator : SJ/JU
Sample : PB109579BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Manual Integrations APPROVED
Sohil
5/24/2018 11:02:49 AM

Quant Time: May 24 03:11:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 22 15:47:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	285858	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	1096280	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	541966	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	1001071	20.00	ng		0.00
75) Chrysene-d12	21.83	240	798358	20.00	ng		0.00
86) Perylene-d12	24.27	264	720078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1675603	95.90	ng		0.00
7) Phenol-d6	7.55	99	2129346	93.59	ng		0.00
23) Nitrobenzene-d5	9.59	82	2082572	104.06	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	665103	97.87	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	4397189	100.86	ng		0.00
78) Terphenyl-d14	20.29	244	4523550	125.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	256109	35.480	ng	#	100
3) Pyridine	4.07	79	743803	40.225	ng	#	88
4) n-Nitrosodimethylamine	3.98	42	476249	47.601	ng	#	65
6) Aniline	7.72	93	935874	33.384	ng		95
8) 2-Chlorophenol	7.96	128	938272	47.583	ng		98
9) Benzaldehyde	7.53	77	322406	22.403	ng		95
10) Phenol	7.57	94	1082794	46.865	ng		80
11) bis(2-Chloroethyl)ether	7.81	93	838780	45.768	ng		89
12) 1,3-Dichlorobenzene	8.29	146	993106	44.174	ng	#	95
13) 1,4-Dichlorobenzene	8.44	146	1012906	44.559	ng		97
14) 1,2-Dichlorobenzene	8.76	146	966288	44.786	ng		96
15) Benzyl Alcohol	8.65	79	789514	47.987	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.93	45	1359808	47.031	ng		96
17) 2-Methylphenol	8.85	107	733553	47.760	ng	#	93
18) Hexachloroethane	9.50	117	377852	46.807	ng		92
19) n-Nitroso-di-n-propylamine	9.22	70	689256	47.531	ng	#	87
20) 3+4-Methylphenols	9.18	107	965140	47.324	ng		95
22) Acetophenone	9.25	105	1277809	48.588	ng		94
24) Nitrobenzene	9.63	77	1021051	49.000	ng		95
25) Isophorone	10.16	82	1735049	50.476	ng		96
26) 2-Nitrophenol	10.35	139	468408	50.101	ng	#	77
27) 2,4-Dimethylphenol	10.39	122	845549	49.867	ng		90
28) bis(2-Chloroethoxy)methane	10.63	93	1117366	49.643	ng		98
29) 2,4-Dichlorophenol	10.88	162	814777	50.744	ng		96
30) 1,2,4-Trichlorobenzene	11.10	180	913154	48.272	ng		98
31) Naphthalene	11.29	128	2734628	47.992	ng		99
32) Benzoic acid	10.56	122	483477	49.289	ng		96
33) 4-Chloroaniline	11.40	127	515190	22.656	ng	#	91
34) Hexachlorobutadiene	11.56	225	560364	49.813	ng		97
35) Caprolactam	12.19	113	208095m	45.791	ng		
36) 4-Chloro-3-methylphenol	12.49	107	821043	50.054	ng		91
37) 2-Methylnaphthalene	12.87	142	1946944	49.305	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	966992	50.654	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	1364540	107.432	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	604817	52.721	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	637171	51.439	ng	#	90
45) 1,1'-Biphenyl	13.86	154	2378522	50.159	ng		98
46) 2-Chloronaphthalene	13.91	162	1828532	50.104	ng		95
47) 2-Nitroaniline	14.11	65	521608	50.168	ng		89
48) Acenaphthylene	14.75	152	2775385	51.198	ng		99
49) Dimethylphthalate	14.46	163	2102282	48.604	ng		99
50) 2,6-Dinitrotoluene	14.59	165	456991	50.644	ng		93
51) Acenaphthene	15.08	154	1668295	49.404	ng		100
52) 3-Nitroaniline	14.92	138	266909	28.090	ng	#	80
53) 2,4-Dinitrophenol	15.13	184	481494	88.544	ng		91
54) Dibenzofuran	15.41	168	2566580	48.206	ng		93
55) 4-Nitrophenol	15.22	139	730366	94.770	ng	#	52
56) 2,4-Dinitrotoluene	15.37	165	595288	48.176	ng	#	77
57) Fluorene	16.05	166	2043258	48.562	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	528406	49.745	ng	#	100
59) Diethylphthalate	15.80	149	2070606	48.564	ng		97
60) 4-Chlorophenyl-phenylether	16.03	204	1051280	49.053	ng		95
61) 4-Nitroaniline	16.07	138	431104	43.396	ng	#	67
62) Azobenzene	16.33	77	2111626	52.134	ng		91
64) 4,6-Dinitro-2-methylphenol	16.13	198	288836	52.274	ng		94
65) n-Nitrosodiphenylamine	16.25	169	1724038	53.598	ng		100
66) 4-Bromophenyl-phenylether	16.92	248	618174	55.271	ng	#	91
67) Hexachlorobenzene	17.04	284	673027	52.254	ng	#	89
68) Atrazine	17.17	200	546916	53.601	ng		97
69) Pentachlorophenol	17.38	266	751240	104.780	ng		98
70) Phenanthrene	17.78	178	2836640	49.749	ng		100
71) Anthracene	17.87	178	2883293	50.728	ng		99
72) Carbazole	18.13	167	2428611	48.265	ng		100
73) Di-n-butylphthalate	18.65	149	3083284	52.044	ng		99
74) Fluoranthene	19.75	202	2867536	45.854	ng		97
76) Benzidine	19.92	184	1121229	44.862	ng		99
77) Pyrene	20.10	202	2854138	56.644	ng		100
79) Butylbenzylphthalate	20.95	149	1177287	57.223	ng		90
80) Benzo(a)anthracene	21.82	228	2533422	50.357	ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	562366	30.188	ng		100
82) Chrysene	21.87	228	2362770	49.866	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1681697	56.197	ng		98
84) Di-n-octyl phthalate	22.63	149	2669791	51.009	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.79	276	2458823	42.893	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	2376416	52.159	ng		98
88) Benzo(k)fluoranthene	23.57	252	2230007	51.744	ng		99
89) Benzo(a)pyrene	24.16	252	2185217	51.420	ng		98
90) Dibenzo(a,h)anthracene	26.80	278	2102972	48.505	ng		99
91) Benzo(g,h,i)perylene	27.57	276	2027438	48.012	ng		97

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

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