Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM052318\
Data File : BM015286.D
Acq On : 23 May 2018 21:24
Operator : SJ/JU
Sample : PB109579BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB109579BSD

Manual Integrations APPROVED
Sohil
5/24/2018 11:02:50 AM

Quant Time: May 24 03:13:28 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	281284	20.00	ng		0.00
21) Naphthalene-d8	11.24	136	1062689	20.00	ng		0.00
38) Acenaphthene-d10	15.02	164	518544	20.00	ng		0.00
63) Phenanthrene-d10	17.73	188	956580	20.00	ng		0.00
75) Chrysene-d12	21.83	240	754957	20.00	ng		0.00
86) Perylene-d12	24.27	264	667172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.89	112	1662066	96.67	ng		0.00
7) Phenol-d6	7.55	99	2106277	94.08	ng		0.00
23) Nitrobenzene-d5	9.59	82	2046098	105.47	ng		0.00
41) 2,4,6-Tribromophenol	16.49	330	646283	99.39	ng		0.00
44) 2-Fluorobiphenyl	13.65	172	4283071	102.68	ng		0.00
78) Terphenyl-d14	20.29	244	4345523	127.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	265317	37.354	ng	#	100
3) Pyridine	4.07	79	764598	42.022	ng		88
4) n-Nitrosodimethylamine	3.98	42	472785	48.023	ng	#	67
6) Aniline	7.72	93	929044	33.679	ng		97
8) 2-Chlorophenol	7.96	128	945162	48.711	ng		97
9) Benzaldehyde	7.53	77	325564	22.991	ng		95
10) Phenol	7.57	94	1093178	48.084	ng		80
11) bis(2-Chloroethyl)ether	7.81	93	854908	47.407	ng		91
12) 1,3-Dichlorobenzene	8.29	146	1002977	45.338	ng	#	96
13) 1,4-Dichlorobenzene	8.44	146	1018872	45.550	ng		96
14) 1,2-Dichlorobenzene	8.76	146	969249	45.653	ng		96
15) Benzyl Alcohol	8.65	79	796951	49.227	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.93	45	1361551	47.857	ng		95
17) 2-Methylphenol	8.85	107	737304	48.785	ng		94
18) Hexachloroethane	9.50	117	379078	47.723	ng		92
19) n-Nitroso-di-n-propylamine	9.22	70	690958	48.423	ng		89
20) 3+4-Methylphenols	9.18	107	970814	48.376	ng		96
22) Acetophenone	9.25	105	1284463	50.385	ng		94
24) Nitrobenzene	9.63	77	1018196	50.408	ng		95
25) Isophorone	10.16	82	1754195	52.646	ng		96
26) 2-Nitrophenol	10.35	139	475114	52.425	ng	#	80
27) 2,4-Dimethylphenol	10.39	122	856892	52.133	ng		92
28) bis(2-Chloroethoxy)methane	10.63	93	1125655	51.593	ng		99
29) 2,4-Dichlorophenol	10.88	162	816413	52.453	ng		98
30) 1,2,4-Trichlorobenzene	11.10	180	915627	49.933	ng		98
31) Naphthalene	11.29	128	2728123	49.391	ng		99
32) Benzoic acid	10.56	122	493474	51.899	ng		95
33) 4-Chloroaniline	11.40	127	520538	23.615	ng	#	92
34) Hexachlorobutadiene	11.56	225	563167	51.645	ng		98
35) Caprolactam	12.19	113	210598m	47.806	ng		
36) 4-Chloro-3-methylphenol	12.49	107	816421	51.346	ng		91
37) 2-Methylnaphthalene	12.87	142	1935769	50.572	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	965895	52.882	ng	#	100
40) Hexachlorocyclopentadiene	13.20	237	1360472	111.728	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	608092	55.401	ng		99
43) 2,4,5-Trichlorophenol	13.54	196	631852	53.314	ng	#	91
45) 1,1'-Biphenyl	13.86	154	2368522	52.205	ng		98
46) 2-Chloronaphthalene	13.91	162	1822479	52.193	ng		94
47) 2-Nitroaniline	14.11	65	518850	52.157	ng		90
48) Acenaphthylene	14.74	152	2755240	53.122	ng		99
49) Dimethylphthalate	14.46	163	2090189	50.507	ng		99
50) 2,6-Dinitrotoluene	14.59	165	455038	52.705	ng		95
51) Acenaphthene	15.08	154	1649725	51.061	ng		99
52) 3-Nitroaniline	14.92	138	270492	29.753	ng	#	81
53) 2,4-Dinitrophenol	15.13	184	483383	92.585	ng		91
54) Dibenzofuran	15.41	168	2538781	49.838	ng		94
55) 4-Nitrophenol	15.22	139	722487	97.982	ng	#	52
56) 2,4-Dinitrotoluene	15.37	165	590636	49.958	ng	#	74
57) Fluorene	16.05	166	2006659	49.847	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	519625	51.128	ng	#	100
59) Diethylphthalate	15.80	149	2037980	49.958	ng		98
60) 4-Chlorophenyl-phenylether	16.03	204	1048223	51.119	ng		97
61) 4-Nitroaniline	16.07	138	423878	44.596	ng	#	72
62) Azobenzene	16.33	77	2066544	53.326	ng		92
64) 4,6-Dinitro-2-methylphenol	16.13	198	292018	55.308	ng		94
65) n-Nitrosodiphenylamine	16.25	169	1698212	55.251	ng		100
66) 4-Bromophenyl-phenylether	16.92	248	606531	56.752	ng	#	90
67) Hexachlorobenzene	17.04	284	668396	54.308	ng	#	90
68) Atrazine	17.17	200	536209	54.996	ng		99
69) Pentachlorophenol	17.38	266	739964	108.007	ng		99
70) Phenanthrene	17.78	178	2771344	50.864	ng		99
71) Anthracene	17.87	178	2821415	51.948	ng		99
72) Carbazole	18.13	167	2362042	49.125	ng		99
73) Di-n-butylphthalate	18.65	149	3012762	53.219	ng		99
74) Fluoranthene	19.75	202	2791881	46.721	ng		98
76) Benzidine	19.92	184	1092489	46.225	ng		98
77) Pyrene	20.10	202	2772200	58.180	ng		100
79) Butylbenzylphthalate	20.95	149	1151584	59.191	ng		92
80) Benzo(a)anthracene	21.82	228	2448367	51.464	ng		99
81) 3,3'-Dichlorobenzidine	21.73	252	544533	30.912	ng		99
82) Chrysene	21.87	228	2292735	51.169	ng		99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1627218	57.502	ng		98
84) Di-n-octyl phthalate	22.63	149	2564729	51.818	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.79	276	2348288	43.320	ng	#	90
87) Benzo(b)fluoranthene	23.53	252	2291728	54.289	ng		97
88) Benzo(k)fluoranthene	23.57	252	2122558	53.157	ng		99
89) Benzo(a)pyrene	24.16	252	2089424	53.065	ng	#	98
90) Dibenzo(a,h)anthracene	26.80	278	2001714	49.831	ng		99
91) Benzo(g,h,i)perylene	27.57	276	1937900	49.531	ng		97

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

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