Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018425.D
Acq On : 28 Dec 2018 09:02
Operator : JU/SJ
Sample : PB116023BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116023BS

Manual Integrations APPROVED
Sohil
12/28/2018 12:30:40 PM

Quant Time: Dec 28 11:09:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 27 14:18:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	464094	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1972724	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	1121647	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	2468112	20.00	ng		0.00
76) Chrysene-d12	21.37	240	2494886	20.00	ng		0.00
87) Perylene-d12	23.66	264	2310944	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	2358032	95.79	ng		0.01
7) Phenol-d6	6.96	99	3095800	90.57	ng		0.02
23) Nitrobenzene-d5	8.95	82	1831248	53.28	ng		0.00
42) 2,4,6-Tribromophenol	15.92	330	1193902	83.77	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	4712693	56.91	ng		0.00
79) Terphenyl-d14	19.81	244	6890084	58.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	214695	21.416	ng		97
3) Pyridine	3.69	79	617842	22.344	ng		95
4) n-Nitrosodimethylamine	3.62	42	299855	26.595	ng		95
6) Aniline	7.12	93	543396	12.746	ng		100
8) 2-Chlorophenol	7.35	128	884338	29.791	ng		96
9) Benzaldehyde	6.93	77	439563	18.318	ng		96
10) Phenol	6.98	94	1006474	28.622	ng		98
11) bis(2-Chloroethyl)ether	7.22	93	708810	25.859	ng		96
12) 1,3-Dichlorobenzene	7.67	146	900880	25.835	ng		98
13) 1,4-Dichlorobenzene	7.82	146	919462	25.954	ng		99
14) 1,2-Dichlorobenzene	8.13	146	892548	25.677	ng		99
15) Benzyl Alcohol	8.03	79	630346	23.758	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	982405	22.506	ng		97
17) 2-Methylphenol	8.23	107	701837	28.174	ng		98
18) Hexachloroethane	8.85	117	321922	25.458	ng		98
19) n-Nitroso-di-n-propylamine	8.59	70	587710	22.571	ng		97
20) 3+4-Methylphenols	8.56	107	954192	28.551	ng		99
22) Acetophenone	8.61	105	1194705	23.853	ng	#	97
24) Nitrobenzene	8.99	77	861690	25.333	ng		96
25) Isophorone	9.50	82	1592927	26.718	ng		99
26) 2-Nitrophenol	9.69	139	420231	31.845	ng		99
27) 2,4-Dimethylphenol	9.76	122	796424	32.250	ng		99
28) bis(2-Chloroethoxy)methane	9.99	93	1009307	26.972	ng		99
29) 2,4-Dichlorophenol	10.23	162	848406	31.062	ng		99
30) 1,2,4-Trichlorobenzene	10.43	180	893358	26.700	ng		98
31) Naphthalene	10.63	128	2634287	27.705	ng		99
32) Benzoic acid	9.87	122	211638	19.932	ng		95
33) 4-Chloroaniline	10.75	127	347002	7.966	ng		98
34) Hexachlorobutadiene	10.90	225	526247	25.903	ng		96
35) Caprolactam	11.53	113	261169m	25.873	ng		
36) 4-Chloro-3-methylphenol	11.87	107	859934	27.776	ng		100
37) 2-Methylnaphthalene	12.24	142	1964790	28.219	ng		100
38) 1-Methylnaphthalene	12.46	142	1865582	27.563	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	976160	27.799	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	881312	51.762 ng	100
43) 2,4,6-Trichlorophenol	12.86	196	655863	32.882 ng	99
44) 2,4,5-Trichlorophenol	12.94	196	700052	32.117 ng	97
46) 1,1'-Biphenyl	13.26	154	2500944	26.092 ng	100
47) 2-Chloronaphthalene	13.30	162	1962071	26.727 ng	97
48) 2-Nitroaniline	13.52	65	516302	26.210 ng	92
49) Acenaphthylene	14.15	152	3150514	27.876 ng	100
50) Dimethylphthalate	13.89	163	2486223	26.531 ng	99
51) 2,6-Dinitrotoluene	14.02	165	536441	27.276 ng	91
52) Acenaphthene	14.49	154	1806081	26.480 ng	99
53) 3-Nitroaniline	14.34	138	288967	13.212 ng	99
54) 2,4-Dinitrophenol	14.55	184	180732	37.329 ng	92
55) Dibenzofuran	14.83	168	2947578	26.412 ng	100
56) 4-Nitrophenol	14.67	139	903706	50.216 ng	97
57) 2,4-Dinitrotoluene	14.80	165	734908	27.618 ng	98
58) Fluorene	15.48	166	2377988	27.356 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	596942	29.655 ng	98
60) Diethylphthalate	15.26	149	2544898	25.964 ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	1201516	25.158 ng	98
62) 4-Nitroaniline	15.52	138	540812	23.230 ng	97
63) Azobenzene	15.77	77	2108437	23.602 ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	185397	23.388 ng	92
66) n-Nitrosodiphenylamine	15.69	169	2079696	27.036 ng	98
67) 4-Bromophenyl-phenylether	16.37	248	720171	26.795 ng	97
68) Hexachlorobenzene	16.47	284	803073	26.377 ng	99
69) Atrazine	16.64	200	720248	25.259 ng	100
70) Pentachlorophenol	16.83	266	846304	47.671 ng	99
71) Phenanthrene	17.22	178	3723459	28.499 ng	99
72) Anthracene	17.31	178	3815580	29.316 ng	100
73) Carbazole	17.59	167	3470265	25.388 ng	99
74) Di-n-butylphthalate	18.14	149	4396188	28.297 ng	99
75) Fluoranthene	19.24	202	4327785	27.970 ng	99
77) Benzidine	19.43	184	1978818	27.748 ng	100
78) Pyrene	19.60	202	4431863	30.603 ng	100
80) Butylbenzylphthalate	20.51	149	2021409	33.161 ng	97
81) Benzo(a)anthracene	21.35	228	4326852	29.527 ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	1172217	20.822 ng	99
83) Chrysene	21.40	228	4031008	28.513 ng	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	2996899	30.698 ng	99
85) Di-n-octyl phthalate	22.18	149	5173664	32.062 ng	97
86) Indeno(1,2,3-cd)pyrene	26.00	276	3989630	22.798 ng	99
88) Benzo(b)fluoranthene	22.97	252	4020633	31.193 ng	99
89) Benzo(k)fluoranthene	23.02	252	3946889	30.615 ng	99
90) Benzo(a)pyrene	23.56	252	3771659	30.460 ng	99
91) Dibenzo(a,h)anthracene	26.01	278	3339409	25.898 ng	99
92) Benzo(g,h,i)perylene	26.71	276	3223587	26.109 ng	99

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

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