Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
Data File : BM017351.D
Acq On : 26 Oct 2018 16:57
Operator : MJ/SJ
Sample : PB114216BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB114216BS

Manual Integrations APPROVED
Sohil
10/29/2018 2:15:06 PM

Quant Time: Oct 27 02:42:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	261029	20.00	ng		-0.02
21) Naphthalene-d8	10.43	136	1206822	20.00	ng		-0.02
39) Acenaphthene-d10	14.30	164	754167	20.00	ng		-0.02
64) Phenanthrene-d10	17.05	188	1777352	20.00	ng		-0.02
76) Chrysene-d12	21.24	240	2125790	20.00	ng		-0.02
87) Perylene-d12	23.46	264	2163742	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2015891	130.62	ng		-0.01
7) Phenol-d6	6.85	99	2851800	135.68	ng		-0.01
23) Nitrobenzene-d5	8.81	82	1631377	79.06	ng		-0.02
42) 2,4,6-Tribromophenol	15.80	330	1283943	125.89	ng		-0.02
45) 2-Fluorobiphenyl	12.91	172	4207759	74.24	ng		-0.02
79) Terphenyl-d14	19.69	244	6786227	71.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	189371	24.029	ng		89
3) Pyridine	3.63	79	587213	32.383	ng		87
4) n-Nitrosodimethylamine	3.55	42	277910	38.177	ng	#	76
6) Aniline	6.99	93	734421	27.934	ng		97
8) 2-Chlorophenol	7.22	128	847484	47.466	ng		96
9) Benzaldehyde	6.81	77	352971	26.337	ng		95
10) Phenol	6.87	94	1065519	47.101	ng		98
11) bis(2-Chloroethyl)ether	7.09	93	699744	38.803	ng		99
12) 1,3-Dichlorobenzene	7.54	146	765401	36.774	ng		98
13) 1,4-Dichlorobenzene	7.69	146	781234	36.739	ng		98
14) 1,2-Dichlorobenzene	8.00	146	771049	37.634	ng		99
15) Benzyl Alcohol	7.90	79	742278	48.313	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	968066	38.424	ng		100
17) 2-Methylphenol	8.10	107	723073	49.798	ng		99
18) Hexachloroethane	8.72	117	275618	37.874	ng		98
19) n-Nitroso-di-n-propylamine	8.46	70	602391	43.524	ng		96
20) 3+4-Methylphenols	8.43	107	992870	49.995	ng		99
22) Acetophenone	8.47	105	1176863	38.470	ng	#	98
24) Nitrobenzene	8.85	77	869850	39.853	ng		95
25) Isophorone	9.37	82	1642716	48.211	ng		98
26) 2-Nitrophenol	9.55	139	451703	44.668	ng		98
27) 2,4-Dimethylphenol	9.62	122	828387	54.982	ng		96
28) bis(2-Chloroethoxy)methane	9.86	93	1034388	43.131	ng		100
29) 2,4-Dichlorophenol	10.08	162	844600	48.281	ng		99
30) 1,2,4-Trichlorobenzene	10.29	180	786440	37.476	ng		99
31) Naphthalene	10.48	128	2468595	41.741	ng		100
32) Benzoic acid	9.78	122	586429	52.165	ng		96
33) 4-Chloroaniline	10.60	127	404431	15.834	ng		98
34) Hexachlorobutadiene	10.76	225	459347	34.546	ng		99
35) Caprolactam	11.40	113	289874m	45.468	ng		
36) 4-Chloro-3-methylphenol	11.73	107	937629	47.550	ng		98
37) 2-Methylnaphthalene	12.10	142	1923746	47.534	ng		99
38) 1-Methylnaphthalene	12.32	142	1825984	46.357	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	973031	36.636	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	1208707	94.139	ng		100
43) 2,4,6-Trichlorophenol	12.72	196	706424	45.819	ng		100
44) 2,4,5-Trichlorophenol	12.79	196	759175	45.919	ng		99
46) 1,1'-Biphenyl	13.12	154	2482324	36.576	ng		99
47) 2-Chloronaphthalene	13.16	162	1941201	38.880	ng		98
48) 2-Nitroaniline	13.38	65	612901	43.990	ng		97
49) Acenaphthylene	14.02	152	3230731	44.642	ng		100
50) Dimethylphthalate	13.77	163	2489081	42.779	ng		99
51) 2,6-Dinitrotoluene	13.89	165	566203	44.213	ng		98
52) Acenaphthene	14.36	154	1876727	41.302	ng		98
53) 3-Nitroaniline	14.22	138	368033	26.535	ng		96
54) 2,4-Dinitrophenol	14.43	184	718101	93.982	ng		97
55) Dibenzofuran	14.70	168	3039188	40.220	ng		99
56) 4-Nitrophenol	14.54	139	1462292	113.578	ng		98
57) 2,4-Dinitrotoluene	14.68	165	810710	47.102	ng	#	98
58) Fluorene	15.35	166	2478592	44.315	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	720614	47.817	ng		99
60) Diethylphthalate	15.14	149	2516930	43.619	ng		99
61) 4-Chlorophenyl-phenylether	15.35	204	1242869	38.979	ng		98
62) 4-Nitroaniline	15.39	138	661932	43.283	ng		98
63) Azobenzene	15.64	77	2378670	42.411	ng		99
65) 4,6-Dinitro-2-methylphenol	15.44	198	497590	44.240	ng		98
66) n-Nitrosodiphenylamine	15.57	169	2240545	41.666	ng		100
67) 4-Bromophenyl-phenylether	16.24	248	806976	41.351	ng		97
68) Hexachlorobenzene	16.35	284	882096	38.912	ng		98
69) Atrazine	16.53	200	828943	43.071	ng		97
70) Pentachlorophenol	16.70	266	1150673	74.098	ng		99
71) Phenanthrene	17.09	178	4040870	42.139	ng		100
72) Anthracene	17.18	178	4180089	45.876	ng		100
73) Carbazole	17.46	167	3878614	41.672	ng		100
74) Di-n-butylphthalate	18.03	149	4417549	45.000	ng		99
75) Fluoranthene	19.12	202	4917685	45.574	ng		99
77) Benzidine	19.31	184	2310908	42.872	ng		98
78) Pyrene	19.47	202	5033587	42.366	ng		100
80) Butylbenzylphthalate	20.39	149	2159767	47.805	ng		97
81) Benzo(a)anthracene	21.23	228	5280281	44.140	ng		100
82) 3,3'-Dichlorobenzidine	21.17	252	1292686	28.994	ng		99
83) Chrysene	21.29	228	4948484	41.792	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	3153785	45.858	ng		99
85) Di-n-octyl phthalate	22.04	149	5609902	47.886	ng		100
86) Indeno(1,2,3-cd)pyrene	25.67	276	5172982	39.060	ng		100
88) Benzo(b)fluoranthene	22.80	252	5263666	44.494	ng		99
89) Benzo(k)fluoranthene	22.84	252	4980834	41.960	ng		99
90) Benzo(a)pyrene	23.36	252	5049064	44.952	ng		100
91) Dibenzo(a,h)anthracene	25.68	278	4468253	40.063	ng		100
92) Benzo(g,h,i)perylene	26.34	276	4018326	36.351	ng		100

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

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