Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
Data File : BM017248.D
Acq On : 20 Oct 2018 03:36
Operator : MJ/SJ
Sample : PB113966BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB113966BS

Manual Integrations APPROVED
Sohil
10/22/2018 1:09:31 PM

Quant Time: Oct 20 06:47:40 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	7.66	152	363710	20.00	ng		-0.01
21) Naphthalene-d8	10.44	136	1611046	20.00	ng		-0.01
39) Acenaphthene-d10	14.31	164	921379	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	1918845	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1603505	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1269413	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	3391540	157.71	ng		0.00
7) Phenol-d6	6.86	99	4542300	155.09	ng		0.00
23) Nitrobenzene-d5	8.82	82	2249499	81.66	ng		-0.01
42) 2,4,6-Tribromophenol	15.81	330	1755900	140.92	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	5352576	77.30	ng		-0.01
79) Terphenyl-d14	19.70	244	6285985	88.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	311148	28.335	ng	#	87
3) Pyridine	3.65	79	915544	36.236	ng	#	86
4) n-Nitrosodimethylamine	3.56	42	426641	42.063	ng	#	73
6) Aniline	7.01	93	1468287	40.081	ng		98
8) 2-Chlorophenol	7.24	128	1151097	46.270	ng		98
9) Benzaldehyde	6.82	77	588101	31.493	ng		96
10) Phenol	6.88	94	1416660	44.944	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	994549	39.581	ng		99
12) 1,3-Dichlorobenzene	7.55	146	1151165	39.694	ng		95
13) 1,4-Dichlorobenzene	7.70	146	1178225	39.765	ng		97
14) 1,2-Dichlorobenzene	8.02	146	1132696	39.678	ng		99
15) Benzyl Alcohol	7.91	79	999503	46.689	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.20	45	1355485	38.613	ng		100
17) 2-Methylphenol	8.11	107	954257	47.166	ng		98
18) Hexachloroethane	8.73	117	424903	41.904	ng		95
19) n-Nitroso-di-n-propylamine	8.47	70	820412	42.542	ng		99
20) 3+4-Methylphenols	8.44	107	1297676	46.896	ng		98
22) Acetophenone	8.49	105	1620989	39.693	ng	#	99
24) Nitrobenzene	8.86	77	1212697	41.620	ng		95
25) Isophorone	9.39	82	2183865	48.011	ng		98
26) 2-Nitrophenol	9.56	139	606684	44.906	ng		97
27) 2,4-Dimethylphenol	9.63	122	1070055	53.202	ng		98
28) bis(2-Chloroethoxy)methane	9.87	93	1407989	43.979	ng		99
29) 2,4-Dichlorophenol	10.09	162	1098138	47.024	ng		99
30) 1,2,4-Trichlorobenzene	10.30	180	1110548	39.642	ng		100
31) Naphthalene	10.49	128	3381613	42.832	ng		99
32) Benzoic acid	9.80	122	703284	46.863	ng		97
33) 4-Chloroaniline	10.61	127	714664	20.959	ng		98
34) Hexachlorobutadiene	10.77	225	679904	38.304	ng		98
35) Caprolactam	11.41	113	303922m	35.711	ng		
36) 4-Chloro-3-methylphenol	11.74	107	1160599	44.090	ng		97
37) 2-Methylnaphthalene	12.11	142	2541476	47.041	ng		99
38) 1-Methylnaphthalene	12.33	142	2382839	45.316	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	1300843	40.090	ng	#	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1916574	122.181	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	874027	46.402	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	930972	46.091	ng	97
46) 1,1'-Biphenyl	13.13	154	3208651	38.698	ng	99
47) 2-Chloronaphthalene	13.17	162	2480229	40.661	ng	99
48) 2-Nitroaniline	13.39	65	703232	41.660	ng	94
49) Acenaphthylene	14.03	152	3995533	45.190	ng	99
50) Dimethylphthalate	13.78	163	2972601	41.818	ng	100
51) 2,6-Dinitrotoluene	13.89	165	663880	42.433	ng	96
52) Acenaphthene	14.37	154	2327226	41.921	ng	98
53) 3-Nitroaniline	14.23	138	442178	26.095	ng	96
54) 2,4-Dinitrophenol	14.43	184	740677	80.625	ng	99
55) Dibenzofuran	14.71	168	3678106	39.842	ng	99
56) 4-Nitrophenol	14.55	139	1529704	97.929	ng	97
57) 2,4-Dinitrotoluene	14.69	165	905816	43.076	ng	98
58) Fluorene	15.36	166	2932934	42.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	828960	45.024	ng	99
60) Diethylphthalate	15.15	149	2954519	41.910	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1506853	38.681	ng	99
62) 4-Nitroaniline	15.40	138	650030	35.724	ng	98
63) Azobenzene	15.66	77	2814666	41.078	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	507278	42.165	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2563199	44.152	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	941673	44.695	ng	98
68) Hexachlorobenzene	16.36	284	1017135	41.560	ng	99
69) Atrazine	16.54	200	890525	42.859	ng	99
70) Pentachlorophenol	16.71	266	1189371	70.942	ng	99
71) Phenanthrene	17.10	178	4387487	42.380	ng	100
72) Anthracene	17.19	178	4484107	45.584	ng	100
73) Carbazole	17.47	167	3850339	38.317	ng	99
74) Di-n-butylphthalate	18.03	149	4575635	43.173	ng	100
75) Fluoranthene	19.12	202	4658610	39.989	ng	99
77) Benzidine	19.32	184	2316780	56.980	ng	98
78) Pyrene	19.49	202	4660893	52.007	ng	100
80) Butylbenzylphthalate	20.40	149	1786055	51.718	ng	97
81) Benzo(a)anthracene	21.23	228	4001569	44.346	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	895907	26.639	ng	100
83) Chrysene	21.29	228	3749590	41.982	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2436687	46.843	ng	100
85) Di-n-octyl phthalate	22.05	149	3695428	42.524	ng	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	3291517	32.949	ng	98
88) Benzo(b)fluoranthene	22.80	252	3268218	47.090	ng	100
89) Benzo(k)fluoranthene	22.84	252	3253554	46.719	ng	99
90) Benzo(a)pyrene	23.37	252	3031431	46.003	ng	100
91) Dibenzo(a,h)anthracene	25.69	278	2779953	42.486	ng	100
92) Benzo(g,h,i)perylene	26.35	276	2760024	42.559	ng	99

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

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