Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111190.D
Acq On : 7 Dec 2018 16:43
Operator : JU/SJ
Sample : PB115343BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115343BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:44 AM

Quant Time: Dec 10 13:25:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 16:40:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	401906	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1613144	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	749384	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1273030	20.00	ng		0.00
76) Chrysene-d12	13.96	240	799089	20.00	ng		0.01
87) Perylene-d12	15.40	264	592003	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	2990589	116.11	ng		0.02
7) Phenol-d6	6.44	99	3824853	115.28	ng		0.00
23) Nitrobenzene-d5	7.37	82	1998706	73.35	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	803810	134.94	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3306025	80.98	ng		0.00
79) Terphenyl-d14	12.91	244	2969567	76.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	478903	32.326	ng		98
3) Pyridine	3.38	79	1308322	39.819	ng		96
4) n-Nitrosodimethylamine	3.32	42	689184	42.602	ng		94
6) Aniline	6.47	93	1412844	31.874	ng		98
8) 2-Chlorophenol	6.59	128	1217387	41.008	ng		95
9) Benzaldehyde	6.35	77	505059	25.345	ng		99
10) Phenol	6.45	94	1493261	41.278	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	1151870	38.958	ng		96
12) 1,3-Dichlorobenzene	6.75	146	1259909	39.906	ng		96
13) 1,4-Dichlorobenzene	6.82	146	1280463	40.301	ng		99
14) 1,2-Dichlorobenzene	6.98	146	1202989	40.703	ng		99
15) Benzyl Alcohol	6.95	79	1050136	39.947	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2288384	39.788	ng		99
17) 2-Methylphenol	7.06	107	1003310	41.172	ng		99
18) Hexachloroethane	7.32	117	487565	40.907	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	859461	38.547	ng		98
20) 3+4-Methylphenols	7.21	107	1189127	40.009	ng		95
22) Acetophenone	7.22	105	1625695	41.703	ng	#	92
24) Nitrobenzene	7.39	77	1287828	43.933	ng		99
25) Isophorone	7.63	82	2311939	46.234	ng		100
26) 2-Nitrophenol	7.70	139	620796	50.121	ng		92
27) 2,4-Dimethylphenol	7.75	122	1163181	49.865	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	1470050	43.426	ng		99
29) 2,4-Dichlorophenol	7.95	162	1001018	43.590	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	998355	43.072	ng		98
31) Naphthalene	8.11	128	3401160	48.426	ng		98
32) Benzoic acid	7.86	122	708756	46.076	ng		96
33) 4-Chloroaniline	8.15	127	811470	23.902	ng		96
34) Hexachlorobutadiene	8.23	225	539001	42.790	ng		98
35) Caprolactam	8.52	113	341769m	40.534	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1071599	42.602	ng		100
37) 2-Methylnaphthalene	8.80	142	2294741	47.366	ng		98
38) 1-Methylnaphthalene	8.90	142	2177572	46.751	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	823904	41.252	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1069005	101.507	ng		98
43) 2,4,6-Trichlorophenol	9.08	196	659689	45.224	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	672244	45.462	ng		98
46) 1,1'-Biphenyl	9.27	154	2534077	41.308	ng		98
47) 2-Chloronaphthalene	9.29	162	2032568	42.638	ng		97
48) 2-Nitroaniline	9.38	65	703023	45.507	ng		97
49) Acenaphthylene	9.70	152	3191407	47.895	ng		99
50) Dimethylphthalate	9.57	163	2301243	44.124	ng		99
51) 2,6-Dinitrotoluene	9.62	165	535954	48.470	ng		91
52) Acenaphthene	9.88	154	2083527	47.331	ng		100
53) 3-Nitroaniline	9.79	138	436571	31.432	ng		99
54) 2,4-Dinitrophenol	9.90	184	407794	113.389	ng	#	65
55) Dibenzofuran	10.05	168	2753750	45.417	ng		97
56) 4-Nitrophenol	9.95	139	918719	87.776	ng		96
57) 2,4-Dinitrotoluene	10.03	165	700033	49.019	ng		99
58) Fluorene	10.39	166	2043406	47.792	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	557706	50.533	ng		95
60) Diethylphthalate	10.27	149	2284718	43.835	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	931255	44.196	ng		96
62) 4-Nitroaniline	10.40	138	576613	45.997	ng		98
63) Azobenzene	10.55	77	2324420	41.889	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	272943	51.897	ng		98
66) n-Nitrosodiphenylamine	10.50	169	1889230	42.383	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	577196	42.832	ng		94
68) Hexachlorobenzene	10.95	284	597015	43.327	ng		97
69) Atrazine	11.03	200	599046	50.484	ng		96
70) Pentachlorophenol	11.13	266	703654	77.653	ng		99
71) Phenanthrene	11.35	178	2914872	47.602	ng		98
72) Anthracene	11.40	178	2996903	48.553	ng		98
73) Carbazole	11.55	167	2784557	43.355	ng		98
74) Di-n-butylphthalate	11.89	149	3290047	43.761	ng		99
75) Fluoranthene	12.54	202	2826239	47.167	ng		97
77) Benzidine	12.65	184	1298221	48.718	ng		99
78) Pyrene	12.76	202	2882049	46.294	ng		97
80) Butylbenzylphthalate	13.39	149	1386767	46.111	ng		97
81) Benzo(a)anthracene	13.95	228	2121831	45.320	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	498115	28.192	ng		100
83) Chrysene	13.99	228	2110179	45.401	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1585216	43.638	ng	#	97
85) Di-n-octyl phthalate	14.57	149	2617360	45.833	ng		97
86) Indeno(1,2,3-cd)pyrene	16.83	276	1623397	43.502	ng	#	88
88) Benzo(b)fluoranthene	15.00	252	1754196	52.293	ng		99
89) Benzo(k)fluoranthene	15.02	252	1587678	48.958	ng		99
90) Benzo(a)pyrene	15.35	252	1533394	49.835	ng		98
91) Dibenzo(a,h)anthracene	16.84	278	1340430	51.912	ng		99
92) Benzo(g,h,i)perylene	17.26	276	1388651	53.517	ng		97

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

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