Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
Data File : BF109093.D
Acq On : 18 Sep 2018 14:12
Operator : JU/SJ
Sample : PB112950BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112950BS

Manual Integrations APPROVED
Sohil
9/18/2018 6:19:09 PM

Quant Time: Sep 18 14:43:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146853	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	608514	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	287320	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	548969	20.00	ng		0.00
75) Chrysene-d12	13.86	240	338459	20.00	ng		0.00
86) Perylene-d12	15.26	264	361436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	924237	104.53	ng		0.02
7) Phenol-d6	6.37	99	1182100	103.68	ng		0.00
23) Nitrobenzene-d5	7.28	82	740819	68.28	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	299191	95.95	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1357261	74.01	ng		0.00
78) Terphenyl-d14	12.81	244	1216210	85.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	150855	35.842	ng		92
3) Pyridine	3.19	79	395545	35.452	ng		90
4) n-Nitrosodimethylamine	3.11	42	194496	46.157	ng		93
6) Aniline	6.38	93	436387	29.613	ng	#	84
8) 2-Chlorophenol	6.51	128	412939	41.733	ng		100
9) Benzaldehyde	6.27	77	208226	28.596	ng		96
10) Phenol	6.38	94	495543	38.628	ng		77
11) bis(2-Chloroethyl)ether	6.46	93	404811	40.110	ng		97
12) 1,3-Dichlorobenzene	6.67	146	436859	38.606	ng		98
13) 1,4-Dichlorobenzene	6.74	146	440348	38.790	ng		100
14) 1,2-Dichlorobenzene	6.90	146	411703	39.119	ng		97
15) Benzyl Alcohol	6.87	79	362797	41.915	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	578483	40.005	ng		96
17) 2-Methylphenol	6.98	107	340616	42.193	ng		97
18) Hexachloroethane	7.24	117	163973	39.770	ng		98
19) n-Nitroso-di-n-propylamine	7.14	70	294241	39.044	ng		98
20) 3+4-Methylphenols	7.14	107	394907	40.618	ng	#	70
22) Acetophenone	7.13	105	556820	40.293	ng	#	93
24) Nitrobenzene	7.30	77	441405	39.461	ng		97
25) Isophorone	7.55	82	815029	43.703	ng		97
26) 2-Nitrophenol	7.62	139	209623	40.134	ng		97
27) 2,4-Dimethylphenol	7.67	122	370815	45.260	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	512678	40.851	ng		99
29) 2,4-Dichlorophenol	7.87	162	345500	39.572	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	357056	37.833	ng		96
31) Naphthalene	8.02	128	1165815	41.277	ng		99
32) Benzoic acid	7.77	122	35958	6.717	ng		98
33) 4-Chloroaniline	8.07	127	327920	26.113	ng		99
34) Hexachlorobutadiene	8.15	225	213195	37.002	ng		100
35) Caprolactam	8.46	113	106360m	37.366	ng		
36) 4-Chloro-3-methylphenol	8.56	107	359197	39.082	ng		100
37) 2-Methylnaphthalene	8.72	142	781939	42.472	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	334606	37.001	ng		98
40) Hexachlorocyclopentadiene	8.88	237	359295	78.857	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	246042	40.479	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	260428	41.000	ng		97
45) 1,1'-Biphenyl	9.18	154	920690	40.053	ng		98
46) 2-Chloronaphthalene	9.20	162	726012	39.438	ng		98
47) 2-Nitroaniline	9.30	65	232133	41.017	ng		95
48) Acenaphthylene	9.62	152	1152769	41.532	ng		100
49) Dimethylphthalate	9.48	163	820343	39.947	ng		99
50) 2,6-Dinitrotoluene	9.54	165	184965	40.615	ng		90
51) Acenaphthene	9.79	154	679130	39.294	ng		100
52) 3-Nitroaniline	9.71	138	173618	32.376	ng		97
53) 2,4-Dinitrophenol	9.81	184	45332	25.828	ng	#	21
54) Dibenzofuran	9.96	168	973119	38.963	ng		98
55) 4-Nitrophenol	9.87	139	286878	72.608	ng		94
56) 2,4-Dinitrotoluene	9.94	165	242019	40.635	ng	#	98
57) Fluorene	10.30	166	719343	43.219	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	194113	36.907	ng		91
59) Diethylphthalate	10.18	149	819548	39.520	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	345340	38.749	ng		94
61) 4-Nitroaniline	10.32	138	190649	37.420	ng		100
62) Azobenzene	10.45	77	839340	39.540	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	51289	19.527	ng		84
65) n-Nitrosodiphenylamine	10.41	169	698468	38.896	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	233262	37.690	ng	#	87
67) Hexachlorobenzene	10.85	284	249541	37.696	ng		94
68) Atrazine	10.94	200	218233	37.964	ng		99
69) Pentachlorophenol	11.04	266	200631	47.370	ng		100
70) Phenanthrene	11.26	178	1091315	40.554	ng		99
71) Anthracene	11.31	178	1127638	41.337	ng		99
72) Carbazole	11.46	167	980486	36.309	ng		100
73) Di-n-butylphthalate	11.80	149	1168083	36.953	ng		99
74) Fluoranthene	12.44	202	1078816	37.974	ng		98
76) Benzidine	12.55	184	209352	17.474	ng	#	78
77) Pyrene	12.67	202	1054213	41.933	ng		99
79) Butylbenzylphthalate	13.29	149	457385	40.733	ng		98
80) Benzo(a)anthracene	13.85	228	836717	40.833	ng		100
81) 3,3'-Dichlorobenzidine	13.81	252	239574	28.973	ng		99
82) Chrysene	13.88	228	804672	39.249	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	541701	39.843	ng		100
84) Di-n-octyl phthalate	14.46	149	921766	39.976	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.62	276	1004304	61.272	ng	#	93
87) Benzo(b)fluoranthene	14.87	252	843086	42.164	ng		98
88) Benzo(k)fluoranthene	14.89	252	736324	39.426	ng	#	96
89) Benzo(a)pyrene	15.21	252	763650	43.005	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	823966	55.231	ng	#	95
91) Benzo(g,h,i)perylene	17.03	276	868377	58.221	ng	#	93

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

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