Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
Data File : BF113367.D
Acq On : 28 Mar 2019 10:10
Operator : JU/SJ
Sample : PB118325BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB118325BS

Quant Time: Mar 29 05:14:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	200233	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	735082	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	340170	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	599965	20.00	ng		0.00
76) Chrysene-d12	13.84	240	432835	20.00	ng		0.00
87) Perylene-d12	15.24	264	352581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1370733	111.94	ng		0.01
7) Phenol-d6	6.36	99	1767312	114.08	ng		0.00
23) Nitrobenzene-d5	7.27	82	1124871	90.83	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	302674	72.03	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1952550	91.27	ng		0.00
79) Terphenyl-d14	12.79	244	1739021	88.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	189273	30.463	ng		96
3) Pyridine	3.13	79	476514	31.111	ng		96
4) n-Nitrosodimethylamine	3.06	42	244877	35.963	ng		83
6) Aniline	6.37	93	348642	18.481	ng	#	48
8) 2-Chlorophenol	6.50	128	505284	35.532	ng		94
9) Benzaldehyde	6.25	77	262792	25.279	ng		98
10) Phenol	6.37	94	610845	34.539	ng		87
11) bis(2-Chloroethyl)ether	6.45	93	503384	37.131	ng		100
12) 1,3-Dichlorobenzene	6.65	146	560797	36.585	ng		98
13) 1,4-Dichlorobenzene	6.72	146	576444	38.948	ng		99
14) 1,2-Dichlorobenzene	6.87	146	528901	36.324	ng		98
15) Benzyl Alcohol	6.85	79	387621	37.928	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	770796	37.847	ng		94
17) 2-Methylphenol	6.97	107	424614	38.101	ng		99
18) Hexachloroethane	7.22	117	184469	34.701	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	350151	35.984	ng		98
20) 3+4-Methylphenols	7.13	107	525860	40.298	ng		96
22) Acetophenone	7.12	105	715847	42.702	ng		98
24) Nitrobenzene	7.29	77	550928	42.630	ng		95
25) Isophorone	7.53	82	970372	40.430	ng		97
26) 2-Nitrophenol	7.60	139	184071	26.946	ng		93
27) 2,4-Dimethylphenol	7.65	122	447473	45.537	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	643804	42.596	ng		99
29) 2,4-Dichlorophenol	7.85	162	410266	38.527	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	483808	42.111	ng		98
31) Naphthalene	8.01	128	1501271	41.793	ng		100
33) 4-Chloroaniline	8.06	127	248415	17.734	ng		99
34) Hexachlorobutadiene	8.13	225	277042	40.572	ng		99
35) Caprolactam	8.42	113	126772	37.094	ng		99
36) 4-Chloro-3-methylphenol	8.56	107	421041	39.311	ng		98
37) 2-Methylnaphthalene	8.70	142	996626	44.465	ng		99
38) 1-Methylnaphthalene	8.80	142	930477	43.159	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	465932	42.670	ng		99
41) Hexachlorocyclopentadiene	8.85	237	112337	24.305	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.99	196	222629	31.309	ng		98
44) 2,4,5-Trichlorophenol	9.03	196	236678	30.076	ng		98
46) 1,1'-Biphenyl	9.16	154	1182114	41.608	ng		99
47) 2-Chloronaphthalene	9.19	162	910334	41.616	ng		98
48) 2-Nitroaniline	9.29	65	302670	44.091	ng		95
49) Acenaphthylene	9.60	152	1437693	40.648	ng		99
50) Dimethylphthalate	9.46	163	1064249	42.216	ng		99
51) 2,6-Dinitrotoluene	9.53	165	224505	39.476	ng		92
52) Acenaphthene	9.77	154	830708	41.705	ng		100
53) 3-Nitroaniline	9.69	138	232312	36.222	ng		91
54) 2,4-Dinitrophenol	9.83	184	3045	1.077	ng	#	77
55) Dibenzofuran	9.94	168	1249537	41.729	ng		100
56) 4-Nitrophenol	9.87	139	117312	25.657	ng		91
57) 2,4-Dinitrotoluene	9.93	165	267776	37.025	ng		98
58) Fluorene	10.28	166	911906	39.201	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	120727	18.142	ng		99
60) Diethylphthalate	10.16	149	1023422	41.383	ng		100
61) 4-Chlorophenyl-phenylether	10.27	204	465610	41.068	ng		95
62) 4-Nitroaniline	10.30	138	251675	38.114	ng		97
63) Azobenzene	10.43	77	944215	40.560	ng		98
65) 4,6-Dinitro-2-methylphenol	10.35	198	7707	2.348	ng		95
66) n-Nitrosodiphenylamine	10.39	169	853518	46.361	ng		100
67) 4-Bromophenyl-phenylether	10.76	248	301811	46.155	ng		94
68) Hexachlorobenzene	10.83	284	346130	45.602	ng		97
69) Atrazine	10.92	200	245370	42.226	ng		97
70) Pentachlorophenol	11.03	266	46180	11.678	ng		98
71) Phenanthrene	11.24	178	1269110	42.596	ng		99
72) Anthracene	11.29	178	1300095	42.959	ng		100
73) Carbazole	11.44	167	1194460	41.363	ng		100
74) Di-n-butylphthalate	11.77	149	1495581	44.661	ng		100
75) Fluoranthene	12.42	202	1300874	38.622	ng		100
77) Benzidine	12.54	184	227101	13.701	ng		96
78) Pyrene	12.64	202	1299201	43.315	ng		100
80) Butylbenzylphthalate	13.26	149	552875	41.825	ng		98
81) Benzo(a)anthracene	13.83	228	1081784	43.662	ng		99
82) 3,3'-Dichlorobenzidine	13.79	252	221888	22.324	ng		99
83) Chrysene	13.87	228	1069025	42.479	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	681069	42.029	ng	#	99
85) Di-n-octyl phthalate	14.43	149	1259101	45.775	ng		99
86) Indeno(1,2,3-cd)pyrene	16.59	276	865477	40.072	ng		98
88) Benzo(b)fluoranthene	14.84	252	966394	44.123	ng		99
89) Benzo(k)fluoranthene	14.87	252	968646	50.361	ng		100
90) Benzo(a)pyrene	15.19	252	889840	45.827	ng		99
91) Dibenzo(a,h)anthracene	16.60	278	739864	44.068	ng		99
92) Benzo(g,h,i)perylene	17.00	276	729872	43.115	ng		98

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

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