Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109831.D
Acq On : 12 Oct 2018 14:06
Operator : JU/SJ
Sample : PB113692BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113692BS

Manual Integrations APPROVED
Sohil
10/15/2018 10:28:22 AM

Quant Time: Oct 12 14:45:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	85716	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	371239	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	181793	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	343913	20.00	ng		0.00
75) Chrysene-d12	13.83	240	248163	20.00	ng		0.00
86) Perylene-d12	15.23	264	193366	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	659866	136.65	ng		0.00
7) Phenol-d6	6.35	99	850273	131.81	ng		0.00
23) Nitrobenzene-d5	7.26	82	534307	79.34	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	242353	122.35	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	1032168	78.20	ng		0.00
78) Terphenyl-d14	12.78	244	795626	62.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	99053	39.084	ng		97
3) Pyridine	3.22	79	228417m	43.686	ng		
4) n-Nitrosodimethylamine	3.15	42	84535	44.793	ng		95
6) Aniline	6.36	93	249647	33.221	ng	#	57
8) 2-Chlorophenol	6.49	128	261640	44.055	ng		98
9) Benzaldehyde	6.25	77	129236	31.132	ng		98
10) Phenol	6.36	94	300367	40.605	ng		85
11) bis(2-Chloroethyl)ether	6.43	93	216359	35.280	ng		99
12) 1,3-Dichlorobenzene	6.63	146	276555	40.714	ng		98
13) 1,4-Dichlorobenzene	6.71	146	301996	40.786	ng		98
14) 1,2-Dichlorobenzene	6.86	146	272006	41.829	ng		100
15) Benzyl Alcohol	6.85	79	203968	42.649	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	333901	41.061	ng		98
17) 2-Methylphenol	6.96	107	207128	44.102	ng		94
18) Hexachloroethane	7.20	117	108867	41.596	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	186918	41.318	ng		99
20) 3+4-Methylphenols	7.12	107	245964	42.502	ng		94
22) Acetophenone	7.11	105	383641	42.735	ng	#	98
24) Nitrobenzene	7.28	77	276254	39.421	ng		99
25) Isophorone	7.52	82	519452	46.449	ng		99
26) 2-Nitrophenol	7.60	139	134918	41.160	ng		97
27) 2,4-Dimethylphenol	7.65	122	222866	47.083	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	317882	42.023	ng		99
29) 2,4-Dichlorophenol	7.85	162	223821	42.156	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	230638	39.241	ng		99
31) Naphthalene	8.00	128	791706	46.113	ng		99
32) Benzoic acid	7.80	122	109402	32.327	ng		96
33) 4-Chloroaniline	8.06	127	196677	26.013	ng		98
34) Hexachlorobutadiene	8.12	225	143318	39.218	ng		99
35) Caprolactam	8.43	113	63800m	40.237	ng		
36) 4-Chloro-3-methylphenol	8.55	107	239270	42.693	ng		99
37) 2-Methylnaphthalene	8.69	142	511901	45.518	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	237146	38.322	ng		99
40) Hexachlorocyclopentadiene	8.85	237	222347	81.872	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	141434	38.232	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	160406	37.712	ng		95
45) 1,1'-Biphenyl	9.15	154	630684	38.834	ng		100
46) 2-Chloronaphthalene	9.17	162	487434	40.061	ng		98
47) 2-Nitroaniline	9.28	65	149210	40.501	ng		90
48) Acenaphthylene	9.59	152	760139	42.853	ng		99
49) Dimethylphthalate	9.46	163	541570	40.619	ng		100
50) 2,6-Dinitrotoluene	9.52	165	117870	40.784	ng		90
51) Acenaphthene	9.76	154	425867	40.500	ng		99
52) 3-Nitroaniline	9.69	138	82728	25.536	ng		99
53) 2,4-Dinitrophenol	9.80	184	76971	82.547	ng		99
54) Dibenzofuran	9.93	168	638672	40.520	ng		99
55) 4-Nitrophenol	9.87	139	117915	66.495	ng		95
56) 2,4-Dinitrotoluene	9.93	165	146902	40.730	ng	#	87
57) Fluorene	10.27	166	505542	42.949	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	138956	40.189	ng		98
59) Diethylphthalate	10.15	149	533315	40.371	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	246447	39.687	ng		98
61) 4-Nitroaniline	10.31	138	120091	40.027	ng		99
62) Azobenzene	10.43	77	561941	41.889	ng		98
64) 4,6-Dinitro-2-methylphenol	10.34	198	57449	34.320	ng		95
65) n-Nitrosodiphenylamine	10.39	169	466038	39.973	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	153195	38.768	ng		95
67) Hexachlorobenzene	10.82	284	167500	39.145	ng		95
68) Atrazine	10.92	200	148644	40.853	ng		99
69) Pentachlorophenol	11.02	266	153588	63.787	ng		96
70) Phenanthrene	11.23	178	731470	42.501	ng		99
71) Anthracene	11.28	178	804644	45.227	ng		99
72) Carbazole	11.44	167	687361	39.835	ng		100
73) Di-n-butylphthalate	11.77	149	812037	40.575	ng		99
74) Fluoranthene	12.41	202	781642	43.473	ng		99
76) Benzidine	12.54	184	363830	39.467	ng		98
77) Pyrene	12.64	202	757049	41.637	ng		100
79) Butylbenzylphthalate	13.26	149	326498	41.419	ng		98
80) Benzo(a)anthracene	13.82	228	580301	42.374	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	146533	26.574	ng		99
82) Chrysene	13.86	228	620266	43.120	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	404846	42.095	ng		98
84) Di-n-octyl phthalate	14.42	149	636761	41.888	ng		100
85) Indeno(1,2,3-cd)pyrene	16.59	276	457411	44.426	ng		99
87) Benzo(b)fluoranthene	14.84	252	463531	43.378	ng		98
88) Benzo(k)fluoranthene	14.86	252	483711	45.053	ng		99
89) Benzo(a)pyrene	15.17	252	447560	46.154	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	383388	48.140	ng		97
91) Benzo(g,h,i)perylene	16.99	276	386482	48.597	ng		98

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

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