Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100362.D
Acq On : 10 Nov 2017 1:05
Operator : SJ/JU
Sample : I6388-05MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3N-3MSD

Manual Integrations APPROVED
Sohil
11/10/2017 1:15:29 PM

Quant Time: Nov 10 03:51:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	197604	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	779607	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	337735	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	552850	20.00	ng		0.00
75) Chrysene-d12	14.07	240	370613	20.00	ng		0.00
86) Perylene-d12	15.55	264	390181	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1184387	96.08	ng		0.02
7) Phenol-d6	6.53	99	1476450	97.13	ng		0.01
23) Nitrobenzene-d5	7.47	82	923931	78.35	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	314602	91.41	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1460256	65.84	ng		0.00
78) Terphenyl-d14	13.01	244	1018053	63.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	174988	29.128	ng		94
3) Pyridine	3.55	79	470669	28.717	ng		93
4) n-Nitrosodimethylamine	3.49	42	272609	34.258	ng		97
6) Aniline	6.57	93	557309	25.951	ng		99
8) 2-Chlorophenol	6.69	128	469689	36.016	ng		99
9) Benzaldehyde	6.46	77	273379	25.183	ng		98
10) Phenol	6.55	94	601768m	37.710	ng		
11) bis(2-Chloroethyl)ether	6.64	93	469603	35.035	ng		93
12) 1,3-Dichlorobenzene	6.85	146	518999	34.519	ng		99
13) 1,4-Dichlorobenzene	6.92	146	519286	34.124	ng		99
14) 1,2-Dichlorobenzene	7.07	146	486613	34.585	ng		98
15) Benzyl Alcohol	7.05	79	427805	36.060	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	872269	40.688	ng		98
17) 2-Methylphenol	7.15	107	413689	37.121	ng		100
18) Hexachloroethane	7.42	117	176232	35.124	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	337163	31.983	ng		91
20) 3+4-Methylphenols	7.30	107	494020	35.031	ng	#	89
22) Acetophenone	7.32	105	629237	33.099	ng	#	97
24) Nitrobenzene	7.49	77	514769	42.414	ng		97
25) Isophorone	7.73	82	944500	38.116	ng		100
26) 2-Nitrophenol	7.80	139	260189m	45.979	ng		
27) 2,4-Dimethylphenol	7.83	122	454281	40.896	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	599984	37.016	ng		99
29) 2,4-Dichlorophenol	8.04	162	406504	38.333	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	411528	35.876	ng		96
31) Naphthalene	8.21	128	1302254	34.680	ng		100
32) Benzoic acid	7.92	122	121088	20.827	ng		97
33) 4-Chloroaniline	8.25	127	228800	14.638	ng		99
34) Hexachlorobutadiene	8.32	225	235390	34.513	ng		98
35) Caprolactam	8.62	113	126270m	34.697	ng		
36) 4-Chloro-3-methylphenol	8.73	107	418655	36.759	ng		98
37) 2-Methylnaphthalene	8.90	142	865144	34.704	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	391470	34.950	ng		98
40) Hexachlorocyclopentadiene	9.05	237	238004	45.147	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	288317	40.614	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	293521	39.907	ng		96
45) 1,1'-Biphenyl	9.36	154	1008323	34.519	ng		100
46) 2-Chloronaphthalene	9.39	162	788107	37.190	ng		98
47) 2-Nitroaniline	9.48	65	266390	42.860	ng		91
48) Acenaphthylene	9.80	152	1204966	34.311	ng		99
49) Dimethylphthalate	9.66	163	1026532	39.809	ng		100
50) 2,6-Dinitrotoluene	9.72	165	211850	41.504	ng		96
51) Acenaphthene	9.98	154	739209	34.610	ng		100
52) 3-Nitroaniline	9.89	138	170756	28.330	ng		96
53) 2,4-Dinitrophenol	9.99	184	90334	50.439	ng	#	19
54) Dibenzofuran	10.15	168	1043244	34.850	ng		98
55) 4-Nitrophenol	10.05	139	338257	69.114	ng		94
56) 2,4-Dinitrotoluene	10.13	165	274672	42.656	ng		91
57) Fluorene	10.49	166	760472	34.678	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	230248	38.196	ng		88
59) Diethylphthalate	10.36	149	902730	34.983	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	381355	35.449	ng		94
61) 4-Nitroaniline	10.51	138	194747	34.075	ng		90
62) Azobenzene	10.65	77	866058	35.634	ng		94
64) 4,6-Dinitro-2-methylphenol	10.53	198	75798	30.876	ng		94
65) n-Nitrosodiphenylamine	10.60	169	753999	39.224	ng		96
66) 4-Bromophenyl-phenylether	10.97	248	240096	40.512	ng	#	82
67) Hexachlorobenzene	11.03	284	235290	37.960	ng		94
68) Atrazine	11.13	200	236666	40.672	ng		96
69) Pentachlorophenol	11.23	266	258719	58.210	ng		98
70) Phenanthrene	11.46	178	1032387	35.467	ng		99
71) Anthracene	11.50	178	1054256	35.699	ng		100
72) Carbazole	11.66	167	931420	34.182	ng		99
73) Di-n-butylphthalate	11.99	149	1257259	39.427	ng		99
74) Fluoranthene	12.64	202	921963	29.886	ng		98
76) Benzidine	12.76	184	494219	33.298	ng		98
77) Pyrene	12.87	202	922355	34.913	ng		99
79) Butylbenzylphthalate	13.49	149	418595	38.852	ng		92
80) Benzo(a)anthracene	14.06	228	814631	36.501	ng		100
81) 3,3'-Dichlorobenzidine	14.02	252	284168	35.537	ng		98
82) Chrysene	14.09	228	779017	36.045	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	580389	40.958	ng		99
84) Di-n-octyl phthalate	14.65	149	1008644	41.434	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	683071	39.075	ng		96
87) Benzo(b)fluoranthene	15.12	252	789815	34.167	ng		98
88) Benzo(k)fluoranthene	15.14	252	761294	34.855	ng		98
89) Benzo(a)pyrene	15.49	252	733809	35.807	ng		99
90) Dibenzo(a,h)anthracene	17.06	278	576374	34.391	ng		97
91) Benzo(g,h,i)perylene	17.50	276	528882	32.237	ng		95

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

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