Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099552.D
Acq On : 16 Oct 2017 19:03
Operator : SJ/JU
Sample : PB103252BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB103252BS

Manual Integrations APPROVED
Sohil
10/17/2017 5:02:02 PM

Quant Time: Oct 17 01:44:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	95988	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	396902	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	176880	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	293500	20.00	ng		0.00
75) Chrysene-d12	14.02	240	171188	20.00	ng		0.00
86) Perylene-d12	15.49	264	168800	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	848020	140.64	ng		0.01
7) Phenol-d6	6.49	99	1014394	136.37	ng		0.00
23) Nitrobenzene-d5	7.42	82	605302	97.80	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	204644	141.39	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1131222	106.77	ng		0.00
78) Terphenyl-d14	12.96	244	808289	107.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	104771	36.374	ng		94
3) Pyridine	3.47	79	273750	35.133	ng		92
4) n-Nitrosodimethylamine	3.42	42	114229	34.571	ng	#	76
6) Aniline	6.51	93	331828	33.053	ng	#	92
8) 2-Chlorophenol	6.63	128	295232	43.236	ng		97
9) Benzaldehyde	6.40	77	99105	22.969	ng		94
10) Phenol	6.50	94	357430	42.966	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	279036	43.146	ng		95
12) 1,3-Dichlorobenzene	6.79	146	318647	44.558	ng		97
13) 1,4-Dichlorobenzene	6.86	146	320280	44.019	ng		98
14) 1,2-Dichlorobenzene	7.02	146	296944	44.168	ng		98
15) Benzyl Alcohol	6.99	79	217571	39.871	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	377976	37.512	ng		86
17) 2-Methylphenol	7.10	107	245527	43.944	ng		97
18) Hexachloroethane	7.35	117	109852	42.004	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	183743	38.690	ng		91
20) 3+4-Methylphenols	7.26	107	286998	40.604	ng	#	75
22) Acetophenone	7.26	105	381434	39.666	ng	#	96
24) Nitrobenzene	7.43	77	285996	40.736	ng		95
25) Isophorone	7.67	82	543198	42.451	ng		99
26) 2-Nitrophenol	7.75	139	165873	49.132	ng		92
27) 2,4-Dimethylphenol	7.78	122	262241	41.131	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	350846	43.998	ng		99
29) 2,4-Dichlorophenol	7.99	162	248032	45.311	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	252029	46.033	ng		99
31) Naphthalene	8.15	128	832722	44.672	ng		100
32) Benzoic acid	7.92	122	111776	21.343	ng		93
33) 4-Chloroaniline	8.20	127	240546	30.901	ng		95
34) Hexachlorobutadiene	8.26	225	123728	43.876	ng		98
35) Caprolactam	8.58	113	80829m	46.032	ng		
36) 4-Chloro-3-methylphenol	8.69	107	255208	41.479	ng		91
37) 2-Methylnaphthalene	8.84	142	572454	47.239	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	228783	43.371	ng		99
40) Hexachlorocyclopentadiene	8.99	237	87423	36.265	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	158242	42.344	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	162315	43.510	ng		95
45) 1,1'-Biphenyl	9.30	154	659326	43.372	ng		98
46) 2-Chloronaphthalene	9.33	162	513583	44.997	ng		96
47) 2-Nitroaniline	9.43	65	148007	42.349	ng		92
48) Acenaphthylene	9.75	152	776753	44.455	ng		99
49) Dimethylphthalate	9.60	163	618514	46.331	ng		99
50) 2,6-Dinitrotoluene	9.67	165	136233	46.874	ng		89
51) Acenaphthene	9.92	154	452991	40.928	ng		99
52) 3-Nitroaniline	9.85	138	127229	37.544	ng		94
53) 2,4-Dinitrophenol	9.96	184	63960	45.018	ng	#	88
54) Dibenzofuran	10.09	168	667412	45.289	ng		99
55) 4-Nitrophenol	10.02	139	179332	62.583	ng		82
56) 2,4-Dinitrotoluene	10.09	165	165565	43.894	ng	#	94
57) Fluorene	10.43	166	533070	45.005	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	118418	45.952	ng		97
59) Diethylphthalate	10.30	149	577993	44.308	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	245882	46.213	ng		98
61) 4-Nitroaniline	10.47	138	145999	44.656	ng		86
62) Azobenzene	10.59	77	519256	43.292	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	54814	30.696	ng	#	78
65) n-Nitrosodiphenylamine	10.55	169	482304	47.435	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	140561	48.927	ng	#	87
67) Hexachlorobenzene	10.99	284	136806	44.586	ng	#	90
68) Atrazine	11.07	200	151370	49.481	ng		98
69) Pentachlorophenol	11.18	266	107559	56.325	ng		99
70) Phenanthrene	11.40	178	713633	45.425	ng		99
71) Anthracene	11.45	178	746154	46.418	ng		99
72) Carbazole	11.61	167	677692	43.052	ng		99
73) Di-n-butylphthalate	11.93	149	871275	45.984	ng		98
74) Fluoranthene	12.59	202	655314	41.193	ng		99
76) Benzidine	12.71	184	308508	48.725	ng		98
77) Pyrene	12.82	202	642415	49.213	ng		99
79) Butylbenzylphthalate	13.42	149	305681	49.826	ng		98
80) Benzo(a)anthracene	14.01	228	484505	46.740	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	156826	41.270	ng		99
82) Chrysene	14.04	228	449612	45.559	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	397121	47.011	ng	#	99
84) Di-n-octyl phthalate	14.59	149	635015	46.684	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	497832	63.061	ng		96
87) Benzo(b)fluoranthene	15.06	252	462968	44.608	ng		99
88) Benzo(k)fluoranthene	15.09	252	428505	41.802	ng		99
89) Benzo(a)pyrene	15.43	252	447125	46.934	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	419896	55.074	ng		98
91) Benzo(g,h,i)perylene	17.43	276	415522	55.136	ng		94

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

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