Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103447.D
Acq On : 6 Mar 2018 11:24
Operator : SJ/JU
Sample : PB106993BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106993BS

Manual Integrations APPROVED
Sohil
3/7/2018 12:14:40 PM
3/7/2018 12:14:40 PM

Quant Time: Mar 07 11:08:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 11:52:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	97707	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	427898	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	189189	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	350567	20.00	ng		0.00
75) Chrysene-d12	14.06	240	292092	20.00	ng		0.00
86) Perylene-d12	15.58	264	249300	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	89033m	13.78	ng		0.02
7) Phenol-d6	6.52	99	111027	14.04	ng		0.00
23) Nitrobenzene-d5	7.44	82	71650	9.56	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	18791	11.73	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	131475	7.68	ng		0.00
78) Terphenyl-d14	12.99	244	127907	10.53	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	13440	3.939	ng		99
3) Pyridine	3.61	79	42501m	4.666	ng		
4) n-Nitrosodimethylamine	3.52	42	21600m	5.880	ng		
6) Aniline	6.55	93	27691	2.427	ng	#	45
8) 2-Chlorophenol	6.66	128	31656	4.717	ng		90
9) Benzaldehyde	6.45	77	16193m	2.175	ng		
10) Phenol	6.54	94	44388	4.837	ng	#	59
11) bis(2-Chloroethyl)ether	6.60	93	26543	3.811	ng		98
12) 1,3-Dichlorobenzene	6.81	146	33565	4.377	ng		97
13) 1,4-Dichlorobenzene	6.89	146	35380	4.601	ng		97
14) 1,2-Dichlorobenzene	7.04	146	32609	4.599	ng		98
15) Benzyl Alcohol	7.04	79	26307	4.416	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	50726	4.241	ng		54
17) 2-Methylphenol	7.14	107	25390	4.163	ng	#	71
18) Hexachloroethane	7.37	117	12594	4.499	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	27090	5.506	ng		96
20) 3+4-Methylphenols	7.30	107	37622	5.060	ng	#	75
22) Acetophenone	7.29	105	49362	4.942	ng	#	94
24) Nitrobenzene	7.46	77	35505	4.304	ng		94
25) Isophorone	7.69	82	71644	4.855	ng		95
26) 2-Nitrophenol	7.78	139	16155	4.160	ng		92
27) 2,4-Dimethylphenol	7.82	122	29630	4.991	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	43250	4.985	ng		97
29) 2,4-Dichlorophenol	8.05	162	25929	4.562	ng		92
30) 1,2,4-Trichlorobenzene	8.10	180	25544	4.221	ng		97
31) Naphthalene	8.17	128	97302	4.645	ng		99
32) Benzoic acid	7.96	122	5828m	8.046	ng		
33) 4-Chloroaniline	8.25	127	26803	2.965	ng	#	91
34) Hexachlorobutadiene	8.28	225	12542	3.980	ng		99
35) Caprolactam	8.59	113	8608	4.310	ng	#	75
36) 4-Chloro-3-methylphenol	8.73	107	30332	4.732	ng		98
37) 2-Methylnaphthalene	8.87	142	64146	4.738	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	23147	4.475	ng		99
40) Hexachlorocyclopentadiene	9.02	237	685m	9.216	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	15434	4.435	ng		98
43) 2,4,5-Trichlorophenol	9.22	196	17492	4.370	ng		96
45) 1,1'-Biphenyl	9.33	154	76763	4.842	ng		95
46) 2-Chloronaphthalene	9.36	162	56505	4.505	ng		99
47) 2-Nitroaniline	9.47	65	20919	4.503	ng	#	80
48) Acenaphthylene	9.77	152	89248	4.625	ng		99
49) Dimethylphthalate	9.62	163	65977	4.347	ng		98
50) 2,6-Dinitrotoluene	9.70	165	13288	4.172	ng	#	70
51) Acenaphthene	9.95	154	51328	4.562	ng		98
52) 3-Nitroaniline	9.89	138	13236	3.276	ng		89
54) Dibenzofuran	10.12	168	85383	5.528	ng		94
55) 4-Nitrophenol	10.10	139	6706m	2.678	ng		
56) 2,4-Dinitrotoluene	10.12	165	18640	4.627	ng	#	50
57) Fluorene	10.46	166	67887	5.159	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.25	232	11898	4.425	ng	#	94
59) Diethylphthalate	10.32	149	73277	5.048	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	28016	5.021	ng		100
61) 4-Nitroaniline	10.50	138	16573	4.106	ng		97
62) Azobenzene	10.61	77	77727	5.261	ng		94
64) 4,6-Dinitro-2-methylphenol	10.55	198	874	5.313	ng	#	32
65) n-Nitrosodiphenylamine	10.57	169	56525	4.631	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	15873	4.347	ng		93
67) Hexachlorobenzene	11.02	284	15194	3.833	ng		92
68) Atrazine	11.09	200	16174	4.409	ng		98
69) Pentachlorophenol	11.23	266	5323	2.777	ng		90
70) Phenanthrene	11.43	178	91644	4.750	ng		98
71) Anthracene	11.49	178	97429	4.925	ng		99
72) Carbazole	11.65	167	94527	4.798	ng		100
73) Di-n-butylphthalate	11.95	149	121917	4.946	ng		100
74) Fluoranthene	12.63	202	95779	4.940	ng		96
76) Benzidine	12.76	184	29711	2.721	ng		97
77) Pyrene	12.86	202	102741	4.511	ng		99
79) Butylbenzylphthalate	13.46	149	55799	4.638	ng		96
80) Benzo(a)anthracene	14.05	228	82488	4.352	ng		97
81) 3,3'-Dichlorobenzidine	14.02	252	20485	3.029	ng		99
82) Chrysene	14.09	228	81966	4.454	ng		97
83) Bis(2-ethylhexyl)phthalate	14.02	149	75407	4.644	ng	#	99
84) Di-n-octyl phthalate	14.64	149	122172	4.657	ng	#	88
85) Indeno(1,2,3-cd)pyrene	17.13	276	60772	4.171	ng	#	94
87) Benzo(b)fluoranthene	15.13	252	72582	4.428	ng	#	95
88) Benzo(k)fluoranthene	15.16	252	70328	4.556	ng	#	97
89) Benzo(a)pyrene	15.52	252	66252	4.526	ng	#	94
90) Dibenzo(a,h)anthracene	17.13	278	49517	4.378	ng	#	93
91) Benzo(g,h,i)perylene	17.60	276	48071	4.349	ng	#	87

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

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