Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103950.D
Acq On : 27 Mar 2018 2:28
Operator : JU/SJ
Sample : J2046-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Manual Integrations APPROVED
Sohil
3/27/2018 2:16:04 PM

Quant Time: Mar 27 08:44:32 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	135988	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	549340	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	249674	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	404026	20.00	ng		0.00
75) Chrysene-d12	14.17	240	247886	20.00	ng		0.00
86) Perylene-d12	15.71	264	239779	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1081556	120.97	ng		0.02
7) Phenol-d6	6.61	99	1348749	123.30	ng		0.01
23) Nitrobenzene-d5	7.55	82	817811	103.82	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	320284	149.20	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1371659	87.63	ng		0.00
78) Terphenyl-d14	13.10	244	1127362	105.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	157574	35.793	ng	#	89
3) Pyridine	3.66	79	444111	36.676	ng	#	85
4) n-Nitrosodimethylamine	3.62	42	172833	38.710	ng		79
6) Aniline	6.65	93	450121	28.819	ng		95
8) 2-Chlorophenol	6.77	128	429114	45.816	ng		93
9) Benzaldehyde	6.53	77	100690	14.012	ng		96
10) Phenol	6.62	94	602737	51.856	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	405113	42.220	ng		92
12) 1,3-Dichlorobenzene	6.92	146	450092	42.194	ng		97
13) 1,4-Dichlorobenzene	6.99	146	450083	41.989	ng		99
14) 1,2-Dichlorobenzene	7.15	146	417136	41.937	ng		98
15) Benzyl Alcohol	7.12	79	361619	42.668	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	516062	37.814	ng		91
17) 2-Methylphenol	7.22	107	358971	43.039	ng		99
18) Hexachloroethane	7.49	117	145366	38.553	ng		98
19) n-Nitroso-di-n-propylamine	7.39	70	275311	39.274	ng		93
20) 3+4-Methylphenols	7.37	107	432105	40.823	ng		93
22) Acetophenone	7.39	105	551806	39.084	ng	#	94
24) Nitrobenzene	7.56	77	433590	46.884	ng		95
25) Isophorone	7.80	82	798832	43.806	ng		98
26) 2-Nitrophenol	7.87	139	224715	60.743	ng		95
27) 2,4-Dimethylphenol	7.90	122	385153	49.302	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	525949	47.630	ng		99
29) 2,4-Dichlorophenol	8.12	162	353775	49.775	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	358674	43.510	ng		98
31) Naphthalene	8.28	128	1183371	42.644	ng		99
32) Benzoic acid	7.97	122	24298	13.404	ng		94
33) 4-Chloroaniline	8.32	127	189589	16.285	ng		98
34) Hexachlorobutadiene	8.39	225	189085	41.836	ng		99
35) Caprolactam	8.70	113	118796m	48.540	ng		
36) 4-Chloro-3-methylphenol	8.81	107	380149	48.517	ng		97
37) 2-Methylnaphthalene	8.97	142	779445	44.292	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	334277	46.930	ng		99
40) Hexachlorocyclopentadiene	9.12	237	99225	26.997	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	242684	53.267	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	253464	49.290	ng		94
45) 1,1'-Biphenyl	9.44	154	901637	43.308	ng		98
46) 2-Chloronaphthalene	9.47	162	723997	43.783	ng		97
47) 2-Nitroaniline	9.56	65	225900	51.623	ng		91
48) Acenaphthylene	9.89	152	1077791	42.032	ng		100
49) Dimethylphthalate	9.73	163	990164	51.980	ng		99
50) 2,6-Dinitrotoluene	9.80	165	195255	52.574	ng	#	88
51) Acenaphthene	10.06	154	632094	41.516	ng		99
52) 3-Nitroaniline	9.97	138	159878	37.139	ng		96
53) 2,4-Dinitrophenol	10.08	184	51412	57.694	ng	#	18
54) Dibenzofuran	10.23	168	956467	43.985	ng		99
55) 4-Nitrophenol	10.13	139	324619	92.268	ng		95
56) 2,4-Dinitrotoluene	10.21	165	252628	53.323	ng		90
57) Fluorene	10.57	166	732587	43.416	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	193677	53.154	ng		93
59) Diethylphthalate	10.43	149	827879	43.788	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	351073	45.526	ng		98
61) 4-Nitroaniline	10.59	138	190252	45.014	ng		93
62) Azobenzene	10.72	77	740335	38.515	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	61642	43.587	ng	#	71
65) n-Nitrosodiphenylamine	10.68	169	669845	48.708	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	209289	50.452	ng		90
67) Hexachlorobenzene	11.12	284	222749	47.047	ng	#	89
68) Atrazine	11.20	200	211831	49.794	ng		98
69) Pentachlorophenol	11.32	266	219462	80.626	ng		96
70) Phenanthrene	11.54	178	975013	44.116	ng		99
71) Anthracene	11.59	178	983933	43.833	ng		99
72) Carbazole	11.74	167	918142	42.082	ng		99
73) Di-n-butylphthalate	12.06	149	1201937	45.913	ng		99
74) Fluoranthene	12.73	202	889873	39.082	ng		98
76) Benzidine	12.85	184	474172	44.850	ng		97
77) Pyrene	12.96	202	874186	48.020	ng		99
79) Butylbenzylphthalate	13.57	149	438021	54.307	ng		92
80) Benzo(a)anthracene	14.16	228	717276	45.712	ng		98
81) 3,3'-Dichlorobenzidine	14.12	252	252861	48.177	ng	#	98
82) Chrysene	14.20	228	676335	45.217	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	586900	50.936	ng		99
84) Di-n-octyl phthalate	14.75	149	932559	55.632	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	654552	50.110	ng		97
87) Benzo(b)fluoranthene	15.25	252	675339	44.581	ng		97
88) Benzo(k)fluoranthene	15.29	252	633875	43.530	ng		98
89) Benzo(a)pyrene	15.65	252	620489	45.159	ng		99
90) Dibenzo(a,h)anthracene	17.32	278	556254	46.754	ng		98
91) Benzo(g,h,i)perylene	17.79	276	522195	45.117	ng		95

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

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