Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108903.D
Acq On : 10 Sep 2018 19:50
Operator : JU/SJ
Sample : J4836-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-025-AMS

Manual Integrations APPROVED
Sohil
9/11/2018 9:34:10 AM

Quant Time: Sep 11 03:51:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	188543	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	652524	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	267940	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	435669	20.00	ng		0.00
75) Chrysene-d12	13.88	240	406663	20.00	ng		0.02
86) Perylene-d12	15.29	264	328463	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1393585	122.45	ng		0.02
7) Phenol-d6	6.38	99	1779827	121.55	ng		0.02
23) Nitrobenzene-d5	7.30	82	1103332	105.82	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	328986	128.62	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1693799	107.84	ng		0.00
78) Terphenyl-d14	12.84	244	1498673	85.94	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	172257	31.494	ng		92
3) Pyridine	3.19	79	491662	32.824	ng		91
4) n-Nitrosodimethylamine	3.11	42	226521	39.373	ng		90
6) Aniline	6.40	93	559002	28.383	ng	#	82
8) 2-Chlorophenol	6.53	128	451267	35.823	ng		96
9) Benzaldehyde	6.28	77	236154	22.733	ng		98
10) Phenol	6.40	94	558888	33.323	ng		81
11) bis(2-Chloroethyl)ether	6.48	93	460582	34.281	ng		99
12) 1,3-Dichlorobenzene	6.68	146	501820	34.908	ng		99
13) 1,4-Dichlorobenzene	6.76	146	501393	34.878	ng		99
14) 1,2-Dichlorobenzene	6.91	146	463154	34.953	ng		99
15) Benzyl Alcohol	6.88	79	402257	35.795	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	671176	33.419	ng		96
17) 2-Methylphenol	7.00	107	375859	35.306	ng		99
18) Hexachloroethane	7.25	117	144424	27.862	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	322240	31.659	ng		97
20) 3+4-Methylphenols	7.15	107	433424	34.755	ng	#	67
22) Acetophenone	7.15	105	597248	40.330	ng	#	93
24) Nitrobenzene	7.32	77	474368	42.401	ng		97
25) Isophorone	7.56	82	865287	41.604	ng		96
26) 2-Nitrophenol	7.64	139	176562	40.058	ng		97
27) 2,4-Dimethylphenol	7.68	122	398790	44.555	ng		96
28) bis(2-Chloroethoxy)methane	7.78	93	562654	40.463	ng		99
29) 2,4-Dichlorophenol	7.88	162	356313	38.607	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	374018	37.394	ng		97
31) Naphthalene	8.05	128	1215823	41.415	ng		100
32) Benzoic acid	7.76	122	87127m	18.856	ng		
33) 4-Chloroaniline	8.09	127	383996	28.480	ng		99
34) Hexachlorobutadiene	8.17	225	226155	37.849	ng		98
35) Caprolactam	8.45	113	116032m	37.102	ng		
36) 4-Chloro-3-methylphenol	8.58	107	354044	36.010	ng		97
37) 2-Methylnaphthalene	8.74	142	779049	40.168	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	347870	43.432	ng		97
40) Hexachlorocyclopentadiene	8.90	237	40491	10.049	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	225894	41.407	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	233639	41.315	ng		96
45) 1,1'-Biphenyl	9.20	154	896433	43.458	ng		98
46) 2-Chloronaphthalene	9.22	162	676917	40.576	ng		97
47) 2-Nitroaniline	9.31	65	221552	48.613	ng		99
48) Acenaphthylene	9.64	152	1054361	42.400	ng		100
49) Dimethylphthalate	9.50	163	1184562	63.208	ng	#	99
50) 2,6-Dinitrotoluene	9.55	165	149336	41.819	ng		95
51) Acenaphthene	9.81	154	594216	38.615	ng		99
52) 3-Nitroaniline	9.72	138	190053	44.710	ng		95
53) 2,4-Dinitrophenol	9.82	184	3796	11.856	ng	#	22
54) Dibenzofuran	9.98	168	872393	38.892	ng		99
55) 4-Nitrophenol	9.88	139	239040	75.221	ng		98
56) 2,4-Dinitrotoluene	9.95	165	175734	38.481	ng	#	94
57) Fluorene	10.32	166	613282	42.605	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	168435	36.934	ng		90
59) Diethylphthalate	10.20	149	765625	39.588	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	310280	40.361	ng		92
61) 4-Nitroaniline	10.33	138	169851	44.107	ng		94
62) Azobenzene	10.47	77	716736	35.903	ng		95
64) 4,6-Dinitro-2-methylphenol	10.37	198	4435	9.087	ng		92
65) n-Nitrosodiphenylamine	10.43	169	604170	41.710	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	194751	39.578	ng	#	86
67) Hexachlorobenzene	10.87	284	200486	38.167	ng	#	88
68) Atrazine	10.95	200	186922	40.310	ng		98
69) Pentachlorophenol	11.06	266	217385	67.690	ng		99
70) Phenanthrene	11.28	178	892317	42.889	ng		99
71) Anthracene	11.32	178	932651	46.820	ng		100
72) Carbazole	11.48	167	848625	40.453	ng		100
73) Di-n-butylphthalate	11.82	149	1025749	44.031	ng		100
74) Fluoranthene	12.46	202	1020526	49.542	ng		97
76) Benzidine	12.58	184	946532	49.109	ng		98
77) Pyrene	12.68	202	1052228	33.626	ng		99
79) Butylbenzylphthalate	13.31	149	479366	34.018	ng		96
80) Benzo(a)anthracene	13.87	228	975979	37.443	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	407274	40.104	ng		98
82) Chrysene	13.91	228	955318	37.859	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	602124	34.001	ng		100
84) Di-n-octyl phthalate	14.48	149	1198105	40.580	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	648460	29.038	ng		95
87) Benzo(b)fluoranthene	14.89	252	792965	44.398	ng		98
88) Benzo(k)fluoranthene	14.92	252	761571	46.303	ng		98
89) Benzo(a)pyrene	15.23	252	680810	42.246	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	539843	38.016	ng		97
91) Benzo(g,h,i)perylene	17.07	276	541329	38.073	ng		93

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

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