Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109388.D
Acq On : 27 Sep 2018 15:46
Operator : JU/SJ
Sample : J5066-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q1-G3MSD

Manual Integrations APPROVED
Sohil
9/28/2018 2:40:59 PM

Quant Time: Sep 27 18:06:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	107853	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	410808	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	193140	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	354688	20.00	ng		0.00
75) Chrysene-d12	13.84	240	218448	20.00	ng		0.00
86) Perylene-d12	15.24	264	274079	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	692324	105.73	ng		0.01
7) Phenol-d6	6.35	99	892605	106.83	ng		0.00
23) Nitrobenzene-d5	7.27	82	561044	80.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	220177	115.64	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	980939	76.60	ng		0.00
78) Terphenyl-d14	12.80	244	775056	87.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	95710	31.737	ng		92
3) Pyridine	3.13	79	266185	34.294	ng		89
4) n-Nitrosodimethylamine	3.05	42	125810	38.087	ng		99
6) Aniline	6.37	93	292067	27.321	ng	#	25
8) 2-Chlorophenol	6.50	128	260755	35.809	ng		92
9) Benzaldehyde	6.25	77	157111	29.270	ng		99
10) Phenol	6.37	94	348248	36.803	ng	#	69
11) bis(2-Chloroethyl)ether	6.45	93	250109	33.779	ng		99
12) 1,3-Dichlorobenzene	6.65	146	282901	33.743	ng		99
13) 1,4-Dichlorobenzene	6.73	146	286440	33.913	ng		97
14) 1,2-Dichlorobenzene	6.88	146	271098	34.793	ng		99
15) Benzyl Alcohol	6.85	79	234861	36.721	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	353572	33.665	ng		94
17) 2-Methylphenol	6.97	107	212665	36.094	ng		95
18) Hexachloroethane	7.22	117	104254	35.034	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	188780	34.480	ng		98
20) 3+4-Methylphenols	7.12	107	257036	36.133	ng	#	65
22) Acetophenone	7.12	105	363000	38.219	ng	#	94
24) Nitrobenzene	7.29	77	280839	37.954	ng		97
25) Isophorone	7.53	82	513097	40.944	ng		98
26) 2-Nitrophenol	7.60	139	135410	46.274	ng		95
27) 2,4-Dimethylphenol	7.65	122	231259	42.352	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	317960	38.329	ng		99
29) 2,4-Dichlorophenol	7.85	162	222736	38.825	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	229720	35.835	ng		98
31) Naphthalene	8.01	128	755390	39.349	ng		99
32) Benzoic acid	7.65	122	231259	60.296	ng	#	15
33) 4-Chloroaniline	8.06	127	200708	23.933	ng		99
34) Hexachlorobutadiene	8.13	225	136669	35.365	ng		98
35) Caprolactam	8.42	113	65475m	35.747	ng		
36) 4-Chloro-3-methylphenol	8.55	107	232717	38.549	ng		98
37) 2-Methylnaphthalene	8.70	142	497489	40.200	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	228857	37.232	ng		98
40) Hexachlorocyclopentadiene	8.86	237	143535	53.537	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	155955	39.532	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	167700	40.250	ng		97
45) 1,1'-Biphenyl	9.16	154	595332	37.832	ng		98
46) 2-Chloronaphthalene	9.19	162	457030	36.355	ng		99
47) 2-Nitroaniline	9.28	65	145040	40.693	ng		95
48) Acenaphthylene	9.60	152	747234	39.401	ng		100
49) Dimethylphthalate	9.47	163	775489	55.204	ng		99
50) 2,6-Dinitrotoluene	9.53	165	118465	42.580	ng		98
51) Acenaphthene	9.77	154	420564	36.679	ng		100
52) 3-Nitroaniline	9.69	138	104515	32.438	ng		97
53) 2,4-Dinitrophenol	9.80	184	31274	36.832	ng	#	21
54) Dibenzofuran	9.95	168	626301	36.728	ng		99
55) 4-Nitrophenol	9.86	139	173744	71.583	ng		96
56) 2,4-Dinitrotoluene	9.93	165	154996	44.030	ng	#	97
57) Fluorene	10.29	166	477504	39.247	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	126341	38.297	ng		91
59) Diethylphthalate	10.17	149	537687	37.798	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	227286	35.766	ng		93
61) 4-Nitroaniline	10.30	138	118031	37.563	ng		97
62) Azobenzene	10.44	77	524971	35.520	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	33521	26.925	ng		76
65) n-Nitrosodiphenylamine	10.40	169	455911	38.904	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	151750	38.528	ng		94
67) Hexachlorobenzene	10.84	284	155439	37.159	ng	#	84
68) Atrazine	10.93	200	147978	41.058	ng		96
69) Pentachlorophenol	11.03	266	127858	51.069	ng		99
70) Phenanthrene	11.24	178	728874	41.157	ng		98
71) Anthracene	11.29	178	701089	39.031	ng		100
72) Carbazole	11.44	167	611290	34.205	ng		99
73) Di-n-butylphthalate	11.79	149	772650	37.555	ng		99
74) Fluoranthene	12.42	202	660814	34.916	ng		96
76) Benzidine	12.54	184	308243	39.137	ng		98
77) Pyrene	12.65	202	627719	40.095	ng		99
79) Butylbenzylphthalate	13.27	149	259538	38.966	ng		94
80) Benzo(a)anthracene	13.83	228	512770	38.971	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	185201	37.036	ng	#	97
82) Chrysene	13.87	228	494125	37.889	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	325459	38.745	ng		99
84) Di-n-octyl phthalate	14.44	149	607613	42.305	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	561154	53.085	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	571251	37.931	ng		97
88) Benzo(k)fluoranthene	14.87	252	493254	34.515	ng		98
89) Benzo(a)pyrene	15.19	252	537074	39.576	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	463675	41.647	ng		96
91) Benzo(g,h,i)perylene	17.00	276	452047	41.313	ng	#	91

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

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