Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108629.D
Acq On : 30 Aug 2018 3:28
Operator : JU/SJ
Sample : PB112466BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112466BSD

Manual Integrations APPROVED
Sohil
8/30/2018 12:18:45 PM

Quant Time: Aug 30 04:36:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	125790	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	457195	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	213235	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	361675	20.00	ng		0.00
75) Chrysene-d12	14.19	240	255561	20.00	ng		0.00
86) Perylene-d12	15.75	264	253566	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	648788	93.38	ng		0.00
7) Phenol-d6	6.63	99	887217	96.09	ng		0.00
23) Nitrobenzene-d5	7.57	82	874652	106.75	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	220613	103.72	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1585851	119.40	ng		0.00
78) Terphenyl-d14	13.12	244	1154965	114.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	124794	34.955	ng		90
3) Pyridine	3.74	79	322517	35.069	ng		87
4) n-Nitrosodimethylamine	3.71	42	177490	34.298	ng		84
6) Aniline	6.67	93	232481	18.511	ng	#	81
8) 2-Chlorophenol	6.79	128	381480	48.750	ng		96
9) Benzaldehyde	6.55	77	216209	30.203	ng		96
10) Phenol	6.65	94	444035	46.494	ng		90
11) bis(2-Chloroethyl)ether	6.73	93	316163	40.948	ng		91
12) 1,3-Dichlorobenzene	6.94	146	424195	46.882	ng		99
13) 1,4-Dichlorobenzene	7.02	146	455752	50.133	ng		97
14) 1,2-Dichlorobenzene	7.17	146	421038	49.792	ng		97
15) Benzyl Alcohol	7.14	79	317455	40.842	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	680197	42.763	ng		83
17) 2-Methylphenol	7.25	107	308911	46.033	ng	#	90
18) Hexachloroethane	7.51	117	152984	47.269	ng		91
19) n-Nitroso-di-n-propylamine	7.41	70	280358	44.903	ng		91
20) 3+4-Methylphenols	7.40	107	401081	46.640	ng	#	74
22) Acetophenone	7.41	105	558963	52.286	ng	#	90
24) Nitrobenzene	7.59	77	412464	49.784	ng		98
25) Isophorone	7.82	82	747543	47.868	ng		98
26) 2-Nitrophenol	7.90	139	186015	59.452	ng		93
27) 2,4-Dimethylphenol	7.93	122	332455	47.966	ng		98
28) bis(2-Chloroethoxy)methane	8.02	93	458587	50.302	ng		99
29) 2,4-Dichlorophenol	8.14	162	334192	52.394	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	361934	51.466	ng		98
31) Naphthalene	8.31	128	1108696	53.323	ng		100
32) Benzoic acid	8.07	122	112241	30.407	ng		95
33) 4-Chloroaniline	8.37	127	51601	5.695	ng		93
34) Hexachlorobutadiene	8.41	225	233679	52.489	ng		97
35) Caprolactam	8.74	113	83026m	41.537	ng		
36) 4-Chloro-3-methylphenol	8.84	107	336605	48.918	ng		98
37) 2-Methylnaphthalene	9.00	142	724762	49.267	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	379188	57.907	ng		98
40) Hexachlorocyclopentadiene	9.14	237	197050	46.589	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	221903	54.609	ng		100
43) 2,4,5-Trichlorophenol	9.32	196	246768	55.166	ng	#	93
45) 1,1'-Biphenyl	9.46	154	892173	56.747	ng		98
46) 2-Chloronaphthalene	9.49	162	685339	55.154	ng		99
47) 2-Nitroaniline	9.60	65	216324	53.804	ng		91
48) Acenaphthylene	9.91	152	1055652	53.738	ng		99
49) Dimethylphthalate	9.76	163	800504	53.893	ng		99
50) 2,6-Dinitrotoluene	9.83	165	170645	54.911	ng		96
51) Acenaphthene	10.08	154	582445	48.407	ng		99
52) 3-Nitroaniline	10.01	138	69647	20.483	ng		94
53) 2,4-Dinitrophenol	10.11	184	75718	66.412	ng	#	31
54) Dibenzofuran	10.25	168	898433	51.539	ng		97
55) 4-Nitrophenol	10.17	139	183697	71.345	ng	#	80
56) 2,4-Dinitrotoluene	10.24	165	212406	53.099	ng	#	91
57) Fluorene	10.60	166	708284	51.327	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	204805	54.778	ng	#	81
59) Diethylphthalate	10.45	149	756460	52.593	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	373437	51.935	ng		92
61) 4-Nitroaniline	10.63	138	137337	40.854	ng		94
62) Azobenzene	10.74	77	730139	49.154	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	54423	40.964	ng		91
65) n-Nitrosodiphenylamine	10.71	169	637756	59.671	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	232158	59.067	ng	#	83
67) Hexachlorobenzene	11.14	284	234101	56.608	ng	#	89
68) Atrazine	11.22	200	203714	56.828	ng		96
69) Pentachlorophenol	11.34	266	182529	92.214	ng		100
70) Phenanthrene	11.57	178	912019	53.463	ng		99
71) Anthracene	11.62	178	964026	55.137	ng		100
72) Carbazole	11.78	167	783339	50.427	ng		99
73) Di-n-butylphthalate	12.08	149	1024924	58.250	ng		99
74) Fluoranthene	12.76	202	885241	47.548	ng		95
76) Benzidine	12.88	184	266663	27.928	ng		98
77) Pyrene	12.99	202	861192	53.227	ng		100
79) Butylbenzylphthalate	13.59	149	363733	56.615	ng	#	98
80) Benzo(a)anthracene	14.18	228	772612	52.678	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	187424	35.658	ng	#	96
82) Chrysene	14.22	228	746502	55.518	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	484662	55.707	ng		99
84) Di-n-octyl phthalate	14.76	149	828486	62.439	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	645378	55.394	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	814114m	53.731	ng		
88) Benzo(k)fluoranthene	15.31	252	705651	50.664	ng	#	97
89) Benzo(a)pyrene	15.68	252	714220	52.641	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	554768	49.418	ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	513283	46.433	ng	#	89

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

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