Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101718\
Data File : BF109926.D
Acq On : 17 Oct 2018 18:06
Operator : JU/SJ
Sample : PB113915BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113915BS

Manual Integrations APPROVED
Sohil
10/18/2018 2:04:21 PM

Quant Time: Oct 18 10:53:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	272214	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	1137229	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	556691	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	1053698	20.00	ng		0.00
76) Chrysene-d12	14.16	240	691312	20.00	ng		0.00
87) Perylene-d12	15.68	264	555849	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	819115	47.70	ng		0.00
7) Phenol-d6	6.59	99	1027812	48.20	ng		-0.01
23) Nitrobenzene-d5	7.54	82	881290	52.20	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	259474	53.84	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1778575	50.98	ng		0.00
79) Terphenyl-d14	13.09	244	1645848	49.99	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	158080	16.207	ng		90
3) Pyridine	3.67	79	453745	20.866	ng		87
4) n-Nitrosodimethylamine	3.63	42	207426	23.384	ng	#	99
6) Aniline	6.63	93	367189	12.778	ng	#	53
8) 2-Chlorophenol	6.76	128	451972	23.496	ng		97
9) Benzaldehyde	6.53	77	188474	13.601	ng		95
10) Phenol	6.60	94	537737	23.356	ng	#	60
11) bis(2-Chloroethyl)ether	6.70	93	435403	22.618	ng		93
12) 1,3-Dichlorobenzene	6.92	146	482313	22.866	ng		98
13) 1,4-Dichlorobenzene	6.99	146	485031	22.832	ng		97
14) 1,2-Dichlorobenzene	7.15	146	459393	23.484	ng		99
15) Benzyl Alcohol	7.11	79	389124	23.719	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.25	45	725591	22.965	ng		67
17) 2-Methylphenol	7.22	107	371823	23.971	ng	#	79
18) Hexachloroethane	7.49	117	178258	23.745	ng		91
19) n-Nitroso-di-n-propylamine	7.38	70	307770	22.478	ng		96
20) 3+4-Methylphenols	7.37	107	474386	24.100	ng		96
22) Acetophenone	7.38	105	629606	23.873	ng		98
24) Nitrobenzene	7.56	77	451983	24.645	ng		95
25) Isophorone	7.79	82	854225	25.752	ng		95
26) 2-Nitrophenol	7.87	139	203533	26.767	ng	#	86
27) 2,4-Dimethylphenol	7.90	122	422571	26.448	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	555689	24.410	ng		100
29) 2,4-Dichlorophenol	8.11	162	375697	24.239	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	399263	23.006	ng		96
31) Naphthalene	8.28	128	1313357	25.185	ng		99
32) Benzoic acid	7.95	122	56078m	5.633	ng		
33) 4-Chloroaniline	8.32	127	233836	9.975	ng		98
34) Hexachlorobutadiene	8.39	225	217195	22.696	ng		99
35) Caprolactam	8.68	113	123042m	22.352	ng		
36) 4-Chloro-3-methylphenol	8.80	107	401236	24.539	ng		93
37) 2-Methylnaphthalene	8.97	142	898100	26.596	ng		98
38) 1-Methylnaphthalene	9.07	142	854672	26.120	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	380834	22.210	ng		98

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Quant Time: Oct 18 10:53:34 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	440929	53.278	ng		100
43) 2,4,6-Trichlorophenol	9.25	196	260522	24.299	ng		97
44) 2,4,5-Trichlorophenol	9.29	196	276575	24.855	ng		94
46) 1,1'-Biphenyl	9.44	154	1117365	22.528	ng		99
47) 2-Chloronaphthalene	9.46	162	830812	22.741	ng		99
48) 2-Nitroaniline	9.56	65	241255	25.732	ng		92
49) Acenaphthylene	9.88	152	1321344	24.896	ng		98
50) Dimethylphthalate	9.73	163	961066	24.381	ng		100
51) 2,6-Dinitrotoluene	9.80	165	202003	26.981	ng		90
52) Acenaphthene	10.05	154	817204	24.185	ng		98
53) 3-Nitroaniline	9.96	138	138886	15.250	ng		96
54) 2,4-Dinitrophenol	10.07	184	53977	29.020	ng		93
55) Dibenzofuran	10.23	168	1160034	24.072	ng		94
56) 4-Nitrophenol	10.12	139	336805	48.467	ng		95
57) 2,4-Dinitrotoluene	10.20	165	253244	28.803	ng		96
58) Fluorene	10.57	166	909685	25.932	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	226048	25.632	ng		97
60) Diethylphthalate	10.43	149	958413	24.617	ng		98
61) 4-Chlorophenyl-phenylether	10.56	204	434975	23.804	ng		99
62) 4-Nitroaniline	10.58	138	221375	25.678	ng		92
63) Azobenzene	10.72	77	947200	23.288	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	58466	20.698	ng		85
66) n-Nitrosodiphenylamine	10.67	169	813525	23.181	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	268682	23.529	ng		95
68) Hexachlorobenzene	11.12	284	281189	23.091	ng	#	93
69) Atrazine	11.20	200	271638	24.779	ng		100
70) Pentachlorophenol	11.31	266	216488	31.239	ng		98
71) Phenanthrene	11.54	178	1364210	25.008	ng		100
72) Anthracene	11.59	178	1403502	25.591	ng		99
73) Carbazole	11.74	167	1218273	22.603	ng		99
74) Di-n-butylphthalate	12.06	149	1508626	25.080	ng		99
75) Fluoranthene	12.73	202	1362238	24.997	ng		99
77) Benzidine	12.84	184	494062	18.640	ng		97
78) Pyrene	12.96	202	1337002	26.332	ng		99
80) Butylbenzylphthalate	13.56	149	559270	27.245	ng		97
81) Benzo(a)anthracene	14.14	228	1006011	24.706	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	131913	9.240	ng		99
83) Chrysene	14.18	228	934929	24.121	ng		100
84) Bis(2-ethylhexyl)phthalate	14.12	149	723402	26.782	ng		96
85) Di-n-octyl phthalate	14.74	149	983419	25.824	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	957346	30.677	ng	#	94
88) Benzo(b)fluoranthene	15.22	252	791123	24.687	ng		98
89) Benzo(k)fluoranthene	15.26	252	724173	22.927	ng		98
90) Benzo(a)pyrene	15.61	252	739782	25.100	ng	#	97
91) Dibenzo(a,h)anthracene	17.26	278	790345	30.258	ng		97
92) Benzo(g,h,i)perylene	17.72	276	823580	31.207	ng	#	95

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

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