Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110068.D
Acq On : 23 Oct 2018 00:50
Operator : JU/SJ
Sample : PB114045BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB114045BSD

Manual Integrations APPROVED
Sohil
10/23/2018 2:19:02 PM

Quant Time: Oct 23 04:52:52 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	173607	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	699828	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	312334	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	505750	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	318700	20.00	ng		-0.01
87) Perylene-d12	15.67	264	254968	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	613785	56.04	ng		0.00
7) Phenol-d6	6.59	99	772917	56.83	ng		-0.02
23) Nitrobenzene-d5	7.53	82	691486	66.56	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	160455	59.34	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1286721	65.74	ng		-0.01
79) Terphenyl-d14	13.09	244	988173	65.11	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	117776	18.934	ng		92
3) Pyridine	3.67	79	329705	23.774	ng		87
4) n-Nitrosodimethylamine	3.63	42	158440	28.006	ng		96
6) Aniline	6.63	93	325891	17.782	ng	#	53
8) 2-Chlorophenol	6.75	128	358081	29.188	ng		97
9) Benzaldehyde	6.52	77	201346	22.782	ng		98
10) Phenol	6.60	94	419820	28.592	ng	#	61
11) bis(2-Chloroethyl)ether	6.70	93	325056	26.477	ng		92
12) 1,3-Dichlorobenzene	6.91	146	367823	27.343	ng		97
13) 1,4-Dichlorobenzene	6.99	146	371930	27.453	ng		98
14) 1,2-Dichlorobenzene	7.14	146	347474	27.852	ng		100
15) Benzyl Alcohol	7.10	79	297191	28.405	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	536809	26.640	ng		68
17) 2-Methylphenol	7.21	107	284058	28.714	ng	#	81
18) Hexachloroethane	7.48	117	127328	26.595	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	234546	26.860	ng		96
20) 3+4-Methylphenols	7.36	107	358783	28.580	ng		93
22) Acetophenone	7.37	105	470610	28.997	ng	#	97
24) Nitrobenzene	7.55	77	353280	31.303	ng		95
25) Isophorone	7.79	82	642926	31.496	ng		95
26) 2-Nitrophenol	7.87	139	163409	34.922	ng		89
27) 2,4-Dimethylphenol	7.89	122	322306	32.780	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	416228	29.711	ng		99
29) 2,4-Dichlorophenol	8.10	162	283519	29.725	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	301992	28.277	ng		98
31) Naphthalene	8.27	128	993819	30.968	ng		100
32) Benzoic acid	7.98	122	113627	18.548	ng		96
33) 4-Chloroaniline	8.32	127	218249	15.129	ng		95
34) Hexachlorobutadiene	8.39	225	167947	28.518	ng		100
35) Caprolactam	8.68	113	99968m	29.511	ng		
36) 4-Chloro-3-methylphenol	8.79	107	296733	29.490	ng		98
37) 2-Methylnaphthalene	8.97	142	678718	32.662	ng		97
38) 1-Methylnaphthalene	9.07	142	632864	31.429	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	290198	30.165	ng		98

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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	177466	38.220	ng		98
43) 2,4,6-Trichlorophenol	9.24	196	186408	30.988	ng		97
44) 2,4,5-Trichlorophenol	9.28	196	196085	31.407	ng		95
46) 1,1'-Biphenyl	9.43	154	816323	29.335	ng		99
47) 2-Chloronaphthalene	9.46	162	608848	29.703	ng		99
48) 2-Nitroaniline	9.55	65	189313	35.989	ng		96
49) Acenaphthylene	9.87	152	937203	31.473	ng		98
50) Dimethylphthalate	9.73	163	721246	32.612	ng		99
51) 2,6-Dinitrotoluene	9.79	165	150689	35.873	ng		90
52) Acenaphthene	10.05	154	585337	30.875	ng		96
53) 3-Nitroaniline	9.96	138	132560	25.943	ng		90
54) 2,4-Dinitrophenol	10.06	184	30466	29.141	ng		97
55) Dibenzofuran	10.22	168	814965	30.143	ng		95
56) 4-Nitrophenol	10.12	139	299681	76.863	ng		97
57) 2,4-Dinitrotoluene	10.20	165	189983	36.968	ng	#	80
58) Fluorene	10.56	166	623516	31.680	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	152720	30.865	ng		98
60) Diethylphthalate	10.43	149	689883	31.583	ng		98
61) 4-Chlorophenyl-phenylether	10.55	204	305186	29.768	ng		99
62) 4-Nitroaniline	10.57	138	140162	28.977	ng		91
63) Azobenzene	10.71	77	644604	28.248	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	28871	21.067	ng		97
66) n-Nitrosodiphenylamine	10.67	169	558527	33.158	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	180267	32.889	ng		98
68) Hexachlorobenzene	11.11	284	177774	30.416	ng		96
69) Atrazine	11.19	200	178925	34.005	ng		99
70) Pentachlorophenol	11.30	266	142923	42.968	ng		96
71) Phenanthrene	11.53	178	834388	31.868	ng		100
72) Anthracene	11.58	178	867296	32.948	ng		99
73) Carbazole	11.73	167	723824	27.979	ng		99
74) Di-n-butylphthalate	12.05	149	967631	33.515	ng		99
75) Fluoranthene	12.72	202	763553	29.192	ng		98
77) Benzidine	12.84	184	436878	35.753	ng		98
78) Pyrene	12.95	202	744994	31.827	ng		99
80) Butylbenzylphthalate	13.56	149	341367	36.072	ng		95
81) Benzo(a)anthracene	14.14	228	590516	31.457	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	177301	26.941	ng		94
83) Chrysene	14.17	228	560489	31.368	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	461588	37.069	ng		96
85) Di-n-octyl phthalate	14.73	149	700884	39.923	ng		99
86) Indeno(1,2,3-cd)pyrene	17.23	276	429500	29.854	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	464972	31.632	ng		98
89) Benzo(k)fluoranthene	15.24	252	472767	32.630	ng	#	98
90) Benzo(a)pyrene	15.60	252	432182	31.968	ng		97
91) Dibenzo(a,h)anthracene	17.24	278	365032	30.467	ng		98
92) Benzo(g,h,i)perylene	17.70	276	342408	28.286	ng	#	95

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

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