Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108910.D
Acq On : 10 Sep 2018 22:58
Operator : JU/SJ
Sample : PB112743BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Manual Integrations APPROVED
Sohil
9/11/2018 9:34:26 AM

Quant Time: Sep 11 04:03:59 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	169069	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	632719	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	251061	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	418365	20.00	ng		0.00
75) Chrysene-d12	13.88	240	375460	20.00	ng		0.01
86) Perylene-d12	15.28	264	288899	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1207752	118.34	ng		0.03
7) Phenol-d6	6.38	99	1509675	114.97	ng		0.02
23) Nitrobenzene-d5	7.30	82	946831	93.65	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	284231	118.59	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1564294	106.30	ng		0.00
78) Terphenyl-d14	12.83	244	1364524	84.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	205244	41.847	ng		93
3) Pyridine	3.21	79	548593	40.843	ng		91
4) n-Nitrosodimethylamine	3.14	42	234376	45.431	ng	#	93
6) Aniline	6.40	93	604856	34.249	ng		92
8) 2-Chlorophenol	6.53	128	453491	40.146	ng		95
9) Benzaldehyde	6.28	77	241021	25.873	ng		98
10) Phenol	6.40	94	551946	36.699	ng		76
11) bis(2-Chloroethyl)ether	6.48	93	467322	38.789	ng		98
12) 1,3-Dichlorobenzene	6.68	146	519387	40.292	ng		99
13) 1,4-Dichlorobenzene	6.76	146	516113	40.037	ng		98
14) 1,2-Dichlorobenzene	6.91	146	474982	39.975	ng		99
15) Benzyl Alcohol	6.88	79	397862	39.482	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	684105	37.986	ng		96
17) 2-Methylphenol	7.00	107	369429	38.699	ng		98
18) Hexachloroethane	7.25	117	144928	31.180	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	322966	35.385	ng		97
20) 3+4-Methylphenols	7.15	107	424865	37.993	ng	#	68
22) Acetophenone	7.15	105	594079	41.371	ng	#	92
24) Nitrobenzene	7.32	77	473886	43.684	ng		97
25) Isophorone	7.56	82	873949	43.336	ng		97
26) 2-Nitrophenol	7.64	139	158521	37.091	ng		99
27) 2,4-Dimethylphenol	7.68	122	395168	45.532	ng		96
28) bis(2-Chloroethoxy)methane	7.78	93	554731	41.142	ng		100
29) 2,4-Dichlorophenol	7.88	162	352795	39.423	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	381346	39.320	ng		99
31) Naphthalene	8.05	128	1232371	43.292	ng		100
32) Benzoic acid	7.78	122	163307m	31.595	ng		
33) 4-Chloroaniline	8.09	127	471063	36.031	ng		99
34) Hexachlorobutadiene	8.17	225	230982	39.867	ng		99
35) Caprolactam	8.45	113	111053m	36.621	ng		
36) 4-Chloro-3-methylphenol	8.57	107	345049	36.194	ng		97
37) 2-Methylnaphthalene	8.74	142	776595	41.295	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	347929	46.360	ng		98
40) Hexachlorocyclopentadiene	8.89	237	47768	12.652	ng		96

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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)
42) 2,4,6-Trichlorophenol	9.01	196	221608	43.352	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	226235	42.696	ng		95
45) 1,1'-Biphenyl	9.20	154	882102	45.638	ng		98
46) 2-Chloronaphthalene	9.22	162	671072	42.930	ng		97
47) 2-Nitroaniline	9.31	65	218993	51.282	ng		98
48) Acenaphthylene	9.64	152	1035637	44.447	ng		100
49) Dimethylphthalate	9.50	163	799324	45.520	ng		100
50) 2,6-Dinitrotoluene	9.55	165	143663	42.935	ng		98
51) Acenaphthene	9.81	154	584023	40.504	ng		99
52) 3-Nitroaniline	9.72	138	196079	49.229	ng		94
53) 2,4-Dinitrophenol	9.82	184	4693	12.673	ng	#	26
54) Dibenzofuran	9.98	168	844637	40.187	ng		99
55) 4-Nitrophenol	9.88	139	230812	77.515	ng		98
56) 2,4-Dinitrotoluene	9.95	165	161432	37.726	ng		95
57) Fluorene	10.32	166	597988	44.335	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	168273	39.380	ng	#	86
59) Diethylphthalate	10.20	149	748983	41.331	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	303736	42.166	ng		94
61) 4-Nitroaniline	10.33	138	176066	48.795	ng		95
62) Azobenzene	10.47	77	698342	37.334	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	4901	9.421	ng		78
65) n-Nitrosodiphenylamine	10.43	169	589933	42.411	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	193200	40.887	ng	#	84
67) Hexachlorobenzene	10.87	284	197959	39.245	ng	#	89
68) Atrazine	10.95	200	182091	40.893	ng		96
69) Pentachlorophenol	11.06	266	211966	68.733	ng		98
70) Phenanthrene	11.28	178	875986	43.846	ng		99
71) Anthracene	11.32	178	908496	47.494	ng		100
72) Carbazole	11.48	167	825571	40.981	ng		99
73) Di-n-butylphthalate	11.82	149	1011741	45.226	ng		99
74) Fluoranthene	12.46	202	996797	50.392	ng		96
76) Benzidine	12.58	184	1034924	58.157	ng		99
77) Pyrene	12.68	202	1021489	35.357	ng		100
79) Butylbenzylphthalate	13.31	149	464008	35.664	ng		96
80) Benzo(a)anthracene	13.87	228	907443	37.707	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	393538	41.972	ng		96
82) Chrysene	13.91	228	900718	38.662	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	597791	36.562	ng		99
84) Di-n-octyl phthalate	14.48	149	1167503	42.830	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	625440	30.335	ng		95
87) Benzo(b)fluoranthene	14.89	252	733011	46.662	ng		99
88) Benzo(k)fluoranthene	14.91	252	666101	46.044	ng		99
89) Benzo(a)pyrene	15.23	252	625736	44.145	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	518235	41.492	ng		97
91) Benzo(g,h,i)perylene	17.06	276	514405	41.134	ng		95

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

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