Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
Data File : BF116427.D
Acq On : 20 Aug 2019 11:44
Operator : HP/JU
Sample : PB122321BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 20 15:21:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB122321BS

Manual Integrations APPROVED
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8/21/2019 3:51:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117576	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	490763	20.00	ng		-0.01
39) Acenaphthene-d10	9.84	164	257637	20.00	ng		-0.01
64) Phenanthrene-d10	11.32	188	446957	20.00	ng		-0.02
76) Chrysene-d12	13.97	240	312924	20.00	ng		-0.01
87) Perylene-d12	15.42	264	262575	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	823037	117.19	ng		0.00
7) Phenol-d6	6.46	99	992044	111.95	ng		0.00
23) Nitrobenzene-d5	7.37	82	653498	76.86	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	273109	109.34	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1148702	83.51	ng		-0.01
79) Terphenyl-d14	12.90	244	1244833	83.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	141314	39.828	ng		97
3) Pyridine	3.39	79	321908	32.478	ng		99
4) n-Nitrosodimethylamine	3.34	42	149736	38.282	ng		97
6) Aniline	6.47	93	364894	28.754	ng	#	54
8) 2-Chlorophenol	6.60	128	349186	44.961	ng		97
9) Benzaldehyde	6.36	77	110329	18.045	ng		98
10) Phenol	6.47	94	429245	41.135	ng		95
11) bis(2-Chloroethyl)ether	6.54	93	340600	44.396	ng		98
12) 1,3-Dichlorobenzene	6.75	146	372144	41.461	ng		99
13) 1,4-Dichlorobenzene	6.82	146	383108	42.629	ng		98
14) 1,2-Dichlorobenzene	6.97	146	350281	42.329	ng		99
15) Benzyl Alcohol	6.96	79	276422	41.105	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	433750	41.450	ng		61
17) 2-Methylphenol	7.07	107	283594	43.124	ng	#	91
18) Hexachloroethane	7.31	117	136237	41.174	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	244445	44.517	ng		99
20) 3+4-Methylphenols	7.23	107	370802	47.648	ng	#	78
22) Acetophenone	7.22	105	484326	44.999	ng	#	93
24) Nitrobenzene	7.39	77	386969	42.153	ng		99
25) Isophorone	7.63	82	691575	42.540	ng		98
26) 2-Nitrophenol	7.71	139	188342	43.523	ng		95
27) 2,4-Dimethylphenol	7.75	122	306686	47.106	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	424310	42.109	ng		100
29) 2,4-Dichlorophenol	7.96	162	294093	42.782	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	321318	41.006	ng		99
31) Naphthalene	8.10	128	1001019	43.345	ng		99
32) Benzoic acid	7.91	122	152010	33.117	ng		99
33) 4-Chloroaniline	8.16	127	279403	27.077	ng		98
34) Hexachlorobutadiene	8.22	225	182359	40.403	ng		99
35) Caprolactam	8.54	113	90949m	40.907	ng		
36) 4-Chloro-3-methylphenol	8.66	107	305189	42.676	ng		99
37) 2-Methylnaphthalene	8.80	142	661256	43.476	ng		99
38) 1-Methylnaphthalene	8.90	142	613350	42.627	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	304352	44.188	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	138049	47.263	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	182168	38.425	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	186586	38.074	ng		96
46) 1,1'-Biphenyl	9.26	154	805467	44.283	ng		98
47) 2-Chloronaphthalene	9.29	162	628015	41.484	ng		99
48) 2-Nitroaniline	9.39	65	195549	39.079	ng		96
49) Acenaphthylene	9.70	152	930868	42.148	ng		99
50) Dimethylphthalate	9.56	163	716769	40.860	ng		100
51) 2,6-Dinitrotoluene	9.63	165	161082	42.254	ng	#	81
52) Acenaphthene	9.87	154	572039	42.219	ng		100
53) 3-Nitroaniline	9.80	138	129728	27.540	ng		97
54) 2,4-Dinitrophenol	9.93	184	102092	55.324	ng		99
55) Dibenzofuran	10.05	168	799474	40.574	ng		99
56) 4-Nitrophenol	9.99	139	157721	52.268	ng		95
57) 2,4-Dinitrotoluene	10.05	165	195695	38.556	ng		92
58) Fluorene	10.39	166	658625	43.445	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	173730	42.137	ng		96
60) Diethylphthalate	10.26	149	698451	42.646	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	334117	43.517	ng		99
62) 4-Nitroaniline	10.42	138	155394	31.921	ng		98
63) Azobenzene	10.53	77	722950	42.916	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	97934	41.347	ng		98
66) n-Nitrosodiphenylamine	10.50	169	583234	43.354	ng		100
67) 4-Bromophenyl-phenylether	10.86	248	198991	41.589	ng		99
68) Hexachlorobenzene	10.94	284	225496	40.757	ng		97
69) Atrazine	11.02	200	176110	39.792	ng		97
70) Pentachlorophenol	11.14	266	154085	57.364	ng		97
71) Phenanthrene	11.35	178	956675	41.869	ng		100
72) Anthracene	11.40	178	991812	42.890	ng		99
73) Carbazole	11.56	167	884659	42.167	ng		99
74) Di-n-butylphthalate	11.87	149	1108505	45.293	ng		99
75) Fluoranthene	12.54	202	1017036	42.516	ng		99
77) Benzidine	12.66	184	266289	25.188	ng		98
78) Pyrene	12.77	202	1020845	43.277	ng		100
80) Butylbenzylphthalate	13.37	149	471494	47.253	ng		96
81) Benzo(a)anthracene	13.96	228	842108	42.103	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	261228	37.594	ng		100
83) Chrysene	13.99	228	826187	42.548	ng		99
84) Bis(2-ethylhexyl)phthalate	13.93	149	649683	50.105	ng	#	97
85) Di-n-octyl phthalate	14.53	149	1030532	50.037	ng		99
86) Indeno(1,2,3-cd)pyrene	16.89	276	713544	43.752	ng		100
88) Benzo(b)fluoranthene	15.00	252	753158	49.607	ng		99
89) Benzo(k)fluoranthene	15.03	252	703454	47.570	ng		98
90) Benzo(a)pyrene	15.36	252	683688	50.375	ng		99
91) Dibenzo(a,h)anthracene	16.88	278	605670	51.555	ng		99
92) Benzo(g,h,i)perylene	17.32	276	605785	52.505	ng		99

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

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