Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021420\
Data File : BF118934.D
Acq On : 14 Feb 2020 16:22
Operator : CG/JU
Sample : PB126820BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126820BSD

Manual Integrations APPROVED
mohammad
2/18/2020 3:16:41 PM

Quant Time: Feb 17 06:59:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 14 00:49:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	175651	20.00	ng		-0.04
21) Naphthalene-d8	8.06	136	668907	20.00	ng		-0.04
39) Acenaphthene-d10	9.82	164	527587	20.00	ng		-0.04
64) Phenanthrene-d10	11.30	188	1004507	20.00	ng		-0.04
76) Chrysene-d12	13.93	240	552081	20.00	ng		-0.05
87) Perylene-d12	15.36	264	519494	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1284554	138.43	ng		-0.02
7) Phenol-d6	6.43	99	1581803	137.32	ng		-0.02
23) Nitrobenzene-d5	7.34	82	917208	81.73	ng		-0.04
42) 2,4,6-Tribromophenol	10.60	330	740001	117.22	ng		-0.04
45) 2-Fluorobiphenyl	9.14	172	1836127	62.22	ng		-0.04
79) Terphenyl-d14	12.88	244	2233079	83.08	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	260517	61.60	ng		99
3) Pyridine	3.32	79	718369	61.18	ng		98
4) n-Nitrosodimethylamine	3.25	42	316603	74.05	ng		96
6) Aniline	6.45	93	545242	36.75	ng	#	83
8) 2-Chlorophenol	6.57	128	543080	52.54	ng		99
9) Benzaldehyde	6.33	77	250456	36.61	ng		97
10) Phenol	6.44	94	635343	49.60	ng		80
11) bis(2-Chloroethyl)ether	6.52	93	485918	49.59	ng		99
12) 1,3-Dichlorobenzene	6.72	146	590573	48.00	ng		97
13) 1,4-Dichlorobenzene	6.79	146	594509	48.45	ng		98
14) 1,2-Dichlorobenzene	6.95	146	554465	47.30	ng		99
15) Benzyl Alcohol	6.92	79	454061	51.00	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	535420	44.62	ng		95
17) 2-Methylphenol	7.04	107	450924	52.48	ng		98
18) Hexachloroethane	7.29	117	211455	48.01	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	339317	48.14	ng		99
20) 3+4-Methylphenols	7.19	107	531019	49.30	ng		95
22) Acetophenone	7.19	105	691609	47.59	ng		99
24) Nitrobenzene	7.36	77	555717	49.57	ng		96
25) Isophorone	7.60	82	997136	49.44	ng		99
26) 2-Nitrophenol	7.67	139	310482	51.97	ng		96
27) 2,4-Dimethylphenol	7.72	122	480351	59.19	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	611336	46.74	ng		99
29) 2,4-Dichlorophenol	7.92	162	483321	49.73	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	533502	46.97	ng		100
31) Naphthalene	8.08	128	1553352	50.77	ng		99
32) Benzoic acid	7.86	122	319224	47.51	ng		98
33) 4-Chloroaniline	8.13	127	390929	28.56	ng		99
34) Hexachlorobutadiene	8.20	225	312652	44.93	ng		99
35) Caprolactam	8.51	113	162835m	51.69	ng		
36) 4-Chloro-3-methylphenol	8.62	107	503736	51.51	ng		98
37) 2-Methylnaphthalene	8.77	142	1076932	50.76	ng		98
38) 1-Methylnaphthalene	8.87	142	1007036	50.45	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	521076	32.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	487740	78.12	ng		99
43) 2,4,6-Trichlorophenol	9.06	196	357806	33.60	ng		99
44) 2,4,5-Trichlorophenol	9.10	196	384032	35.30	ng		96
46) 1,1'-Biphenyl	9.24	154	1284760	35.20	ng		98
47) 2-Chloronaphthalene	9.26	162	1034866	34.11	ng		98
48) 2-Nitroaniline	9.36	65	296901	33.93	ng		94
49) Acenaphthylene	9.67	152	2209690	50.44	ng		99
50) Dimethylphthalate	9.54	163	1244847	34.65	ng		99
51) 2,6-Dinitrotoluene	9.60	165	374119	45.51	ng		94
52) Acenaphthene	9.85	154	1267350	43.90	ng		99
53) 3-Nitroaniline	9.77	138	276877	30.37	ng		98
54) 2,4-Dinitrophenol	9.88	184	373953	94.64	ng		96
55) Dibenzofuran	10.02	168	1933637	46.35	ng		99
56) 4-Nitrophenol	9.95	139	621290	94.17	ng		99
57) 2,4-Dinitrotoluene	10.01	165	526172	48.37	ng	#	89
58) Fluorene	10.36	166	1493636	47.59	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	442064	46.53	ng		99
60) Diethylphthalate	10.24	149	1480867	42.39	ng		100
61) 4-Chlorophenyl-phenylether	10.35	204	772404	45.38	ng		99
62) 4-Nitroaniline	10.39	138	421428	46.16	ng		98
63) Azobenzene	10.52	77	1456451	48.84	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	299102	52.99	ng		88
66) n-Nitrosodiphenylamine	10.47	169	1404757	48.28	ng		99
67) 4-Bromophenyl-phenylether	10.84	248	516471	43.46	ng		98
68) Hexachlorobenzene	10.92	284	564552	41.42	ng		96
69) Atrazine	11.00	200	485413	50.07	ng		99
70) Pentachlorophenol	11.11	266	585828	81.40	ng		98
71) Phenanthrene	11.32	178	2299969	46.54	ng		100
72) Anthracene	11.37	178	2362996	48.06	ng		100
73) Carbazole	11.53	167	2072700	48.04	ng		100
74) Di-n-butylphthalate	11.86	149	2208791	40.18	ng		100
75) Fluoranthene	12.51	202	1850157	34.29	ng		99
77) Benzidine	12.63	184	959039	57.43	ng		98
78) Pyrene	12.74	202	1861022	49.14	ng		99
80) Butylbenzylphthalate	13.35	149	767806	44.42	ng		99
81) Benzo(a)anthracene	13.93	228	1624638	49.45	ng		98
82) 3,3'-Dichlorobenzidine	13.89	252	459790	34.22	ng		99
83) Chrysene	13.96	228	1583169	48.02	ng		99
84) Bis(2-ethylhexyl)phthalate	13.92	149	953871	43.49	ng		99
85) Di-n-octyl phthalate	14.52	149	1632561	43.45	ng		99
86) Indeno(1,2,3-cd)pyrene	16.79	276	1428564	43.12	ng		99
88) Benzo(b)fluoranthene	14.96	252	1576675	48.91	ng		99
89) Benzo(k)fluoranthene	14.99	252	1502150	53.51	ng		99
90) Benzo(a)pyrene	15.31	252	1360252	49.31	ng		98
91) Dibenzo(a,h)anthracene	16.80	278	1185827	48.42	ng		98
92) Benzo(g,h,i)perylene	17.21	276	1207798	51.28	ng		99

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

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