Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121393.D
Acq On : 24 Aug 2020 11:36
Operator : JU/CG
Sample : PB131098BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131098BS

Manual Integrations APPROVED
mohammad
8/25/2020 4:18:52 PM

Quant Time: Aug 24 12:43:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 11:54:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169697	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	665153	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	349137	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	681612	20.00	ng		0.00
76) Chrysene-d12	13.86	240	529089	20.00	ng		0.00
86) Perylene-d12	15.27	264	579749	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	964544	93.20	ng		0.01
7) Phenol-d6	6.35	99	1137673	86.11	ng		0.00
23) Nitrobenzene-d5	7.27	82	808685	68.76	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	372628	91.59	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1402864	75.72	ng		0.00
79) Terphenyl-d14	12.80	244	1481451	54.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	144624	30.882	ng		99
3) Pyridine	3.12	79	350912	27.919	ng		99
4) n-Nitrosodimethylamine	3.08	42	197561	38.617	ng		99
6) Aniline	6.36	93	467492	30.645	ng		97
8) 2-Chlorophenol	6.49	128	444868	41.128	ng		98
9) Benzaldehyde	6.25	77	261446	35.177	ng		95
10) Phenol	6.36	94	482903	34.860	ng		99
11) bis(2-Chloroethyl)ether	6.44	93	415320	38.928	ng		99
12) 1,3-Dichlorobenzene	6.64	146	443166	36.569	ng		100
13) 1,4-Dichlorobenzene	6.72	146	448711	36.678	ng		98
14) 1,2-Dichlorobenzene	6.87	146	425906	36.557	ng		98
15) Benzyl Alcohol	6.85	79	350513	44.095	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	564850	35.957	ng		99
17) 2-Methylphenol	6.97	107	344373	38.586	ng		99
18) Hexachloroethane	7.21	117	166134	36.471	ng		98
19) n-Nitroso-di-n-propylamine	7.12	70	267122	37.595	ng		99
20) 3+4-Methylphenols	7.13	107	406693	46.233	ng		99
22) Acetophenone	7.12	105	560030	36.013	ng	#	99
24) Nitrobenzene	7.29	77	447956	37.371	ng		96
25) Isophorone	7.53	82	817807	38.210	ng		99
26) 2-Nitrophenol	7.60	139	243929	39.679	ng		98
27) 2,4-Dimethylphenol	7.65	122	380487	43.375	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	523349	35.920	ng		99
29) 2,4-Dichlorophenol	7.85	162	363455	37.950	ng		100
30) 1,2,4-Trichlorobenzene	7.93	180	389374	35.553	ng		99
31) Naphthalene	8.00	128	1196899	36.156	ng		99
32) Benzoic acid	7.80	122	195438	31.367	ng		100
33) 4-Chloroaniline	8.06	127	407474	27.797	ng		99
34) Hexachlorobutadiene	8.12	225	223119	34.424	ng		99
35) Caprolactam	8.45	113	124981m	39.845	ng		
36) 4-Chloro-3-methylphenol	8.56	107	381750	39.411	ng		97
37) 2-Methylnaphthalene	8.70	142	807630	37.640	ng		100
38) 1-Methylnaphthalene	8.80	142	755787	37.045	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	383687	37.027	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	326382	79.565 ng	98
43) 2,4,6-Trichlorophenol	8.98	196	265719	37.508 ng	100
44) 2,4,5-Trichlorophenol	9.03	196	281899	38.678 ng	99
46) 1,1'-Biphenyl	9.16	154	989992	37.832 ng	100
47) 2-Chloronaphthalene	9.19	162	758338	35.175 ng	100
48) 2-Nitroaniline	9.29	65	246914	36.375 ng	99
49) Acenaphthylene	9.60	152	1218237	38.044 ng	100
50) Dimethylphthalate	9.46	163	948838	37.355 ng	100
51) 2,6-Dinitrotoluene	9.53	165	211869	39.056 ng	98
52) Acenaphthene	9.77	154	704387	36.203 ng	99
53) 3-Nitroaniline	9.70	138	172301	25.390 ng	99
54) 2,4-Dinitrophenol	9.82	184	216212	82.674 ng	91
55) Dibenzofuran	9.95	168	1013723	40.250 ng	98
56) 4-Nitrophenol	9.88	139	298368	71.292 ng	98
57) 2,4-Dinitrotoluene	9.94	165	252370	38.135 ng	99
58) Fluorene	10.29	166	791950	43.094 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	239900	38.504 ng	96
60) Diethylphthalate	10.16	149	930693	37.523 ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	393283	42.398 ng	99
62) 4-Nitroaniline	10.32	138	248589	35.752 ng	99
63) Azobenzene	10.44	77	863492	37.481 ng	99
65) 4,6-Dinitro-2-methylphenol	10.36	198	155150	42.563 ng	87
66) n-Nitrosodiphenylamine	10.40	169	778404	37.023 ng	100
67) 4-Bromophenyl-phenylether	10.76	248	276851	36.616 ng	99
68) Hexachlorobenzene	10.83	284	308479	35.395 ng	100
69) Atrazine	10.93	200	236618	36.330 ng	98
70) Pentachlorophenol	11.03	266	309215	79.742 ng	99
71) Phenanthrene	11.25	178	1226203	34.759 ng	99
72) Anthracene	11.30	178	1282012	37.738 ng	99
73) Carbazole	11.46	167	1207532	37.246 ng	100
74) Di-n-butylphthalate	11.79	149	1440677	36.851 ng	99
75) Fluoranthene	12.43	202	1391831	36.350 ng	99
77) Benzidine	12.56	184	777124	53.313 ng	99
78) Pyrene	12.66	202	1426666	35.897 ng	99
80) Butylbenzylphthalate	13.28	149	646400	37.851 ng	98
81) Benzo(a)anthracene	13.85	228	1166616	35.500 ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	368812	29.230 ng	100
83) Chrysene	13.89	228	1194140	35.529 ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	787506	39.212 ng	100
85) Di-n-octyl phthalate	14.45	149	1497661	40.296 ng	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1284467	36.295 ng	100
88) Benzo(b)fluoranthene	14.87	252	1368094	36.527 ng	100
89) Benzo(k)fluoranthene	14.90	252	1037505	31.469 ng	100
90) Benzo(a)pyrene	15.22	252	1110844	34.326 ng	99
91) Dibenzo(a,h)anthracene	16.67	278	1038044	35.775 ng	98
92) Benzo(g,h,i)perylene	17.06	276	1088374	38.368 ng	100

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

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