Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
Data File : BF121746.D
Acq On : 30 Sep 2020 19:03
Operator : JU/CG
Sample : PB132004BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB132004BS

Manual Integrations APPROVED
mohammad
10/1/2020 1:32:25 PM

Quant Time: Oct 01 00:44:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	259856	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	1019586	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	553972	20.00	ng		-0.01
64) Phenanthrene-d10	11.30	188	1019088	20.00	ng		0.00
76) Chrysene-d12	13.94	240	755366	20.00	ng		0.00
86) Perylene-d12	15.38	264	660441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	968714	55.40	ng		0.00
7) Phenol-d6	6.42	99	1255655	54.74	ng		0.00
23) Nitrobenzene-d5	7.35	82	869195	45.77	ng		-0.01
42) 2,4,6-Tribromophenol	10.61	330	436813	63.44	ng		0.00
45) 2-Fluorobiphenyl	9.14	172	1595315	43.62	ng		-0.01
79) Terphenyl-d14	12.89	244	1716914	46.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	140136	17.445	ng		98
3) Pyridine	3.31	79	420972	18.956	ng		99
4) n-Nitrosodimethylamine	3.26	42	214836	20.856	ng		97
6) Aniline	6.44	93	478941	16.030	ng	#	89
8) 2-Chlorophenol	6.56	128	411205	23.098	ng		100
9) Benzaldehyde	6.33	77	121390	8.095	ng		98
10) Phenol	6.43	94	499285	20.439	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	407620	22.140	ng		100
12) 1,3-Dichlorobenzene	6.72	146	426375	21.458	ng		98
13) 1,4-Dichlorobenzene	6.79	146	427138	21.408	ng		99
14) 1,2-Dichlorobenzene	6.95	146	415907	22.628	ng		98
15) Benzyl Alcohol	6.93	79	360625	23.129	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	637874	21.530	ng		99
17) 2-Methylphenol	7.04	107	340907	22.506	ng		98
18) Hexachloroethane	7.29	117	159738	22.360	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	289119	21.868	ng		99
20) 3+4-Methylphenols	7.19	107	403366	22.163	ng		93
22) Acetophenone	7.19	105	543190	20.998	ng		98
24) Nitrobenzene	7.36	77	442584	21.549	ng		99
25) Isophorone	7.60	82	824573	21.571	ng		100
26) 2-Nitrophenol	7.68	139	214254	23.537	ng		95
27) 2,4-Dimethylphenol	7.72	122	371731	21.785	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	520486	21.994	ng		98
29) 2,4-Dichlorophenol	7.92	162	348004	22.392	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	354205	21.640	ng		99
31) Naphthalene	8.08	128	1152958	21.422	ng		100
32) Benzoic acid	7.86	122	207713	20.894	ng		98
33) 4-Chloroaniline	8.13	127	382243	16.384	ng		98
34) Hexachlorobutadiene	8.20	225	212349	22.102	ng		99
35) Caprolactam	8.52	113	113389m	21.909	ng		
36) 4-Chloro-3-methylphenol	8.63	107	386150	23.065	ng		99
37) 2-Methylnaphthalene	8.77	142	785332	22.265	ng		99
38) 1-Methylnaphthalene	8.87	142	724904	22.083	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	362743	20.963	ng		99

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Quant Time: Oct 01 00:44:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 11:12:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	323484	32.735	ng	98
43) 2,4,6-Trichlorophenol	9.06	196	256873	21.778	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	273454	21.931	ng	99
46) 1,1'-Biphenyl	9.24	154	951385	21.452	ng	98
47) 2-Chloronaphthalene	9.26	162	740387	21.185	ng	99
48) 2-Nitroaniline	9.36	65	257172	23.680	ng	94
49) Acenaphthylene	9.68	152	1166827	21.730	ng	100
50) Dimethylphthalate	9.55	163	923199	22.993	ng	99
51) 2,6-Dinitrotoluene	9.60	165	208443	24.377	ng	90
52) Acenaphthene	9.85	154	691487	20.388	ng	100
53) 3-Nitroaniline	9.77	138	170122	17.174	ng	98
54) 2,4-Dinitrophenol	9.89	184	185676	42.438	ng	95
55) Dibenzofuran	10.02	168	1033811	21.645	ng	98
56) 4-Nitrophenol	9.95	139	304787	38.582	ng	99
57) 2,4-Dinitrotoluene	10.01	165	271390	25.228	ng	90
58) Fluorene	10.37	166	812302	22.240	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	234354	23.119	ng	99
60) Diethylphthalate	10.24	149	922982	23.578	ng	100
61) 4-Chlorophenyl-phenylether	10.36	204	397717	22.731	ng	96
62) 4-Nitroaniline	10.39	138	212628	21.619	ng	97
63) Azobenzene	10.52	77	926472	22.224	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	145425	26.787	ng	93
66) n-Nitrosodiphenylamine	10.48	169	797108	22.799	ng	99
67) 4-Bromophenyl-phenylether	10.84	248	272083	23.450	ng	97
68) Hexachlorobenzene	10.92	284	305739	23.349	ng	96
69) Atrazine	11.00	200	199095	22.921	ng	98
70) Pentachlorophenol	11.11	266	290944	40.459	ng	99
71) Phenanthrene	11.33	178	1230813	22.167	ng	100
72) Anthracene	11.38	178	1278678	22.316	ng	100
73) Carbazole	11.53	167	1152010	22.280	ng	100
74) Di-n-butylphthalate	11.86	149	1433733	24.025	ng	100
75) Fluoranthene	12.52	202	1331569	22.466	ng	99
77) Benzidine	12.63	184	527483	21.064	ng	99
78) Pyrene	12.74	202	1348784	24.439	ng	100
80) Butylbenzylphthalate	13.36	149	584912	26.205	ng	92
81) Benzo(a)anthracene	13.93	228	1091792	22.846	ng	100
82) 3,3'-Dichlorobenzidine	13.89	252	317660	17.027	ng	99
83) Chrysene	13.97	228	1055441	21.810	ng	99
84) Bis(2-ethylhexyl)phthalate	13.92	149	768986	25.789	ng	99
85) Di-n-octyl phthalate	14.53	149	1296242	24.633	ng	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	1033276	24.024	ng	99
88) Benzo(b)fluoranthene	14.96	252	1083390	24.538	ng	98
89) Benzo(k)fluoranthene	14.99	252	897808	22.206	ng	98
90) Benzo(a)pyrene	15.32	252	878786	23.416	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	848856	23.709	ng	99
92) Benzo(g,h,i)perylene	17.23	276	874567	24.850	ng	99

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

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