Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121627.D
Acq On : 21 Sep 2020 15:22
Operator : JU/CG
Sample : PB131752BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131752BS

Manual Integrations APPROVED
mohammad
9/22/2020 10:08:49 AM

Quant Time: Sep 21 16:08:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 21 14:19:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170618	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	683380	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	371989	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	696707	20.00	ng		0.00
76) Chrysene-d12	14.00	240	561017	20.00	ng		0.00
86) Perylene-d12	15.46	264	516682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1057351	92.10	ng		0.02
7) Phenol-d6	6.46	99	1397838	92.81	ng		0.00
23) Nitrobenzene-d5	7.39	82	1200187	94.30	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	461618	99.85	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	2129383	86.70	ng		0.00
79) Terphenyl-d14	12.94	244	1976062	71.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	193098	36.610	ng		100
3) Pyridine	3.42	79	455537	31.242	ng		99
4) n-Nitrosodimethylamine	3.38	42	246665	36.470	ng		97
6) Aniline	6.48	93	494113	25.188	ng	#	82
8) 2-Chlorophenol	6.61	128	442048	37.817	ng		99
9) Benzaldehyde	6.37	77	256297	26.029	ng		99
10) Phenol	6.47	94	558942	34.848	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	451936	37.385	ng		99
12) 1,3-Dichlorobenzene	6.76	146	485915	37.244	ng		98
13) 1,4-Dichlorobenzene	6.83	146	488387	37.281	ng		98
14) 1,2-Dichlorobenzene	6.99	146	443689	36.765	ng		98
15) Benzyl Alcohol	6.96	79	386772	37.780	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	687290	35.331	ng		94
17) 2-Methylphenol	7.08	107	382661	38.475	ng		98
18) Hexachloroethane	7.33	117	179796	38.330	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	318585	36.701	ng		98
20) 3+4-Methylphenols	7.23	107	446467	37.362	ng		91
22) Acetophenone	7.23	105	611975	35.296	ng		99
24) Nitrobenzene	7.40	77	492481	35.776	ng		98
25) Isophorone	7.65	82	902250	35.215	ng		98
26) 2-Nitrophenol	7.72	139	238419	37.387	ng		97
27) 2,4-Dimethylphenol	7.76	122	406359	35.531	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	560990	35.368	ng		99
29) 2,4-Dichlorophenol	7.96	162	385034	36.963	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	400088	36.469	ng		98
31) Naphthalene	8.13	128	1298196	35.986	ng		100
32) Benzoic acid	7.90	122	287574	35.768	ng		97
33) 4-Chloroaniline	8.17	127	399258	25.532	ng		98
34) Hexachlorobutadiene	8.24	225	238083	36.973	ng		99
35) Caprolactam	8.56	113	125391m	36.147	ng		
36) 4-Chloro-3-methylphenol	8.67	107	420660	37.487	ng		98
37) 2-Methylnaphthalene	8.82	142	872468	36.905	ng		99
38) 1-Methylnaphthalene	8.92	142	819266	37.236	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	401350	34.540	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	447742	67.475	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	298813	37.728	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	289743	34.605	ng	98
46) 1,1'-Biphenyl	9.29	154	1043194	35.030	ng	100
47) 2-Chloronaphthalene	9.31	162	803933	34.257	ng	98
48) 2-Nitroaniline	9.41	65	277798	38.093	ng	97
49) Acenaphthylene	9.73	152	1291820	35.827	ng	100
50) Dimethylphthalate	9.59	163	959614	35.592	ng	100
51) 2,6-Dinitrotoluene	9.65	165	215018	37.448	ng	96
52) Acenaphthene	9.90	154	755045	33.154	ng	99
53) 3-Nitroaniline	9.82	138	167689	25.211	ng	92
54) 2,4-Dinitrophenol	9.93	184	232628	71.347	ng	95
55) Dibenzofuran	10.07	168	1124971	35.076	ng	96
56) 4-Nitrophenol	10.00	139	351146	66.196	ng	97
57) 2,4-Dinitrotoluene	10.06	165	283560	39.255	ng	97
58) Fluorene	10.42	166	856160	34.908	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	247511	36.362	ng	99
60) Diethylphthalate	10.29	149	933301	35.505	ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	419625	35.716	ng	99
62) 4-Nitroaniline	10.44	138	223213	33.798	ng	99
63) Azobenzene	10.57	77	949115	33.905	ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	158344	38.602	ng	99
66) n-Nitrosodiphenylamine	10.53	169	818304	34.235	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	285930	36.046	ng	98
68) Hexachlorobenzene	10.96	284	321909	35.960	ng	100
69) Atrazine	11.06	200	235067	39.584	ng	98
70) Pentachlorophenol	11.16	266	351620	71.522	ng	99
71) Phenanthrene	11.38	178	1299765	34.241	ng	100
72) Anthracene	11.43	178	1340682	34.225	ng	100
73) Carbazole	11.59	167	1198532	33.905	ng	99
74) Di-n-butylphthalate	11.92	149	1389913	34.067	ng	100
75) Fluoranthene	12.57	202	1402375	34.608	ng	99
77) Benzidine	12.69	184	623343	33.515	ng	99
78) Pyrene	12.80	202	1421943	34.690	ng	100
80) Butylbenzylphthalate	13.42	149	591347	35.672	ng	99
81) Benzo(a)anthracene	13.99	228	1247293	35.142	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	371938	26.842	ng	100
83) Chrysene	14.03	228	1242358	34.567	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	742820	33.542	ng	99
85) Di-n-octyl phthalate	14.59	149	1339516	34.273	ng	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1247366	37.071	ng	100
88) Benzo(b)fluoranthene	15.03	252	1325913	38.387	ng	100
89) Benzo(k)fluoranthene	15.07	252	1127773	35.655	ng	99
90) Benzo(a)pyrene	15.40	252	1120536	38.164	ng	100
91) Dibenzo(a,h)anthracene	16.93	278	1033041	36.882	ng	98
92) Benzo(g,h,i)perylene	17.36	276	1021757	37.111	ng	98

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

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