Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
Data File : BF121365.D
Acq On : 21 Aug 2020 13:09
Operator : JU/CG
Sample : PB131076BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131076BS

Manual Integrations APPROVED
Sohil
8/24/2020 1:50:03 PM

Quant Time: Aug 21 13:53:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 04:56:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	213009	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	859651	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	448132	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	849697	20.00	ng		0.00
76) Chrysene-d12	13.86	240	635775	20.00	ng		0.01
86) Perylene-d12	15.27	264	665304	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	979430	75.40	ng		0.02
7) Phenol-d6	6.35	99	1162131	70.08	ng		0.01
23) Nitrobenzene-d5	7.27	82	824467	54.24	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	364085	69.72	ng		0.01
45) 2-Fluorobiphenyl	9.06	172	1423944	56.69	ng		0.00
79) Terphenyl-d14	12.80	244	1394394	42.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	147079	25.020	ng		99
3) Pyridine	3.12	79	355600	22.539	ng		99
4) n-Nitrosodimethylamine	3.08	42	202899	31.596	ng		100
6) Aniline	6.36	93	497466	25.979	ng	#	54
8) 2-Chlorophenol	6.49	128	453506	33.402	ng		100
9) Benzaldehyde	6.25	77	264778	28.381	ng		97
10) Phenol	6.36	94	489760	28.166	ng		96
11) bis(2-Chloroethyl)ether	6.44	93	429414	32.065	ng		97
12) 1,3-Dichlorobenzene	6.64	146	447817	29.439	ng		99
13) 1,4-Dichlorobenzene	6.72	146	449559	29.276	ng		99
14) 1,2-Dichlorobenzene	6.87	146	430394	29.430	ng		97
15) Benzyl Alcohol	6.85	79	352014	35.279	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	577380	29.281	ng		94
17) 2-Methylphenol	6.97	107	356865	31.855	ng		95
18) Hexachloroethane	7.20	117	170600	29.836	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	270212	30.297	ng		99
20) 3+4-Methylphenols	7.12	107	401387	34.264	ng		95
22) Acetophenone	7.11	105	570336	28.378	ng	#	97
24) Nitrobenzene	7.29	77	452785	29.227	ng		99
25) Isophorone	7.53	82	842250	30.448	ng		99
26) 2-Nitrophenol	7.60	139	248493	31.276	ng		97
27) 2,4-Dimethylphenol	7.65	122	389884	34.390	ng		100
28) bis(2-Chloroethoxy)methane	7.74	93	531174	28.209	ng		98
29) 2,4-Dichlorophenol	7.85	162	369677	29.866	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	393767	27.819	ng		99
31) Naphthalene	8.00	128	1217951	28.467	ng		99
32) Benzoic acid	7.80	122	199464	26.256	ng		96
33) 4-Chloroaniline	8.06	127	449427	23.722	ng		98
34) Hexachlorobutadiene	8.12	225	227882	27.204	ng		99
35) Caprolactam	8.44	113	134544m	33.189	ng		
36) 4-Chloro-3-methylphenol	8.55	107	383751	30.654	ng		100
37) 2-Methylnaphthalene	8.69	142	818954	29.532	ng		99
38) 1-Methylnaphthalene	8.79	142	757109	28.714	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	378472	28.455	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	336582	65.140	ng		99
43) 2,4,6-Trichlorophenol	8.98	196	263902	29.023	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	284166	30.376	ng		98
46) 1,1'-Biphenyl	9.16	154	986749	29.378	ng		100
47) 2-Chloronaphthalene	9.18	162	762186	27.544	ng		99
48) 2-Nitroaniline	9.29	65	249112	28.592	ng		91
49) Acenaphthylene	9.60	152	1202287	29.252	ng		100
50) Dimethylphthalate	9.46	163	936915	28.737	ng		100
51) 2,6-Dinitrotoluene	9.53	165	211684	30.402	ng		94
52) Acenaphthene	9.77	154	702181	28.117	ng		98
53) 3-Nitroaniline	9.70	138	177506	20.379	ng		99
54) 2,4-Dinitrophenol	9.82	184	213350	63.558	ng		91
55) Dibenzofuran	9.94	168	1014684	30.037	ng		98
56) 4-Nitrophenol	9.88	139	294135	54.755	ng		94
57) 2,4-Dinitrotoluene	9.93	165	243871	28.710	ng	#	85
58) Fluorene	10.29	166	778927	31.350	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	239347	29.929	ng		98
60) Diethylphthalate	10.16	149	900153	28.274	ng		100
61) 4-Chlorophenyl-phenylether	10.27	204	379771	30.083	ng		99
62) 4-Nitroaniline	10.32	138	239400	26.824	ng		99
63) Azobenzene	10.43	77	854702	28.904	ng		99
65) 4,6-Dinitro-2-methylphenol	10.35	198	155068	34.125	ng		88
66) n-Nitrosodiphenylamine	10.40	169	766504	29.245	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	269452	28.588	ng		100
68) Hexachlorobenzene	10.83	284	299323	27.551	ng		94
69) Atrazine	10.93	200	227697	28.045	ng		99
70) Pentachlorophenol	11.03	266	298421	61.735	ng		99
71) Phenanthrene	11.25	178	1193911	27.149	ng		100
72) Anthracene	11.30	178	1243680	29.368	ng		100
73) Carbazole	11.45	167	1189159	29.423	ng		99
74) Di-n-butylphthalate	11.78	149	1391752	28.557	ng		100
75) Fluoranthene	12.43	202	1344105	28.159	ng		98
77) Benzidine	12.55	184	804923	45.954	ng		99
78) Pyrene	12.66	202	1361061	28.499	ng		99
80) Butylbenzylphthalate	13.27	149	607072	29.583	ng		99
81) Benzo(a)anthracene	13.85	228	1063742	26.938	ng		98
82) 3,3'-Dichlorobenzidine	13.81	252	362996	23.942	ng		100
83) Chrysene	13.89	228	1116774	27.652	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	698309	28.936	ng		99
85) Di-n-octyl phthalate	14.45	149	1346558	30.151	ng		99
87) Indeno(1,2,3-cd)pyrene	16.63	276	1120784	27.598	ng		99
88) Benzo(b)fluoranthene	14.87	252	1135703	26.423	ng		99
89) Benzo(k)fluoranthene	14.90	252	1079090	28.521	ng		100
90) Benzo(a)pyrene	15.21	252	1009297	27.177	ng		100
91) Dibenzo(a,h)anthracene	16.65	278	927475	27.854	ng		98
92) Benzo(g,h,i)perylene	17.04	276	955212	29.343	ng		99

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

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