Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
Data File : BF121330.D
Acq On : 19 Aug 2020 21:01
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
8/20/2020 12:24:04 PM

Quant Time: Aug 20 03:16:55 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 02:55:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	155315	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	561834	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	289726	20.00	ng		0.00
64) Phenanthrene-d10	11.21	188	529696	20.00	ng		0.00
76) Chrysene-d12	13.84	240	332421	20.00	ng		0.00
86) Perylene-d12	15.25	264	298311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	987195	103.98	ng		0.00
7) Phenol-d6	6.35	99	1247414	102.99	ng		0.00
23) Nitrobenzene-d5	7.27	82	1100898	110.94	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	360920	104.73	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1695938	94.62	ng		0.00
79) Terphenyl-d14	12.80	244	1770880	111.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	243164	56.942	ng		99
3) Pyridine	3.01	79	675578	58.541	ng		100
4) n-Nitrosodimethylamine	2.99	42	274281	58.389	ng		98
6) Aniline	6.37	93	717782	51.203	ng	#	86
8) 2-Chlorophenol	6.49	128	534346	53.724	ng		99
9) Benzaldehyde	6.25	77	370089	51.428	ng		97
10) Phenol	6.36	94	612653	49.986	ng		95
11) bis(2-Chloroethyl)ether	6.44	93	535788	54.700	ng		100
12) 1,3-Dichlorobenzene	6.63	146	588251	52.641	ng		98
13) 1,4-Dichlorobenzene	6.72	146	592518	52.860	ng		99
14) 1,2-Dichlorobenzene	6.87	146	519304	50.760	ng		99
15) Benzyl Alcohol	6.85	79	364920	48.349	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	761636	52.281	ng		99
17) 2-Methylphenol	6.96	107	446211	54.616	ng		98
18) Hexachloroethane	7.20	117	223437	53.196	ng		98
19) n-Nitroso-di-n-propylamine	7.13	70	335911	50.342	ng		99
20) 3+4-Methylphenols	7.12	107	454884	47.513	ng		98
22) Acetophenone	7.12	105	682497	51.982	ng	#	99
24) Nitrobenzene	7.29	77	567082	56.217	ng		100
25) Isophorone	7.53	82	1026261	56.223	ng		99
26) 2-Nitrophenol	7.60	139	309451	59.138	ng		96
27) 2,4-Dimethylphenol	7.65	122	415501	55.864	ng		99
28) bis(2-Chloroethoxy)methane	7.74	93	678116	54.831	ng		99
29) 2,4-Dichlorophenol	7.85	162	452929	56.212	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	503992	54.762	ng		100
31) Naphthalene	8.00	128	1478279	53.359	ng		99
32) Benzoic acid	7.81	122	358647	72.194	ng		97
33) 4-Chloroaniline	8.06	127	702420	56.758	ng		99
34) Hexachlorobutadiene	8.12	225	293510	53.535	ng		99
35) Caprolactam	8.45	113	155640m	57.553	ng		
36) 4-Chloro-3-methylphenol	8.55	107	459098	55.332	ng		99
37) 2-Methylnaphthalene	8.69	142	941523	51.455	ng		98
38) 1-Methylnaphthalene	8.79	142	898450	51.923	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	461357	54.064	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	203366	75.279	ng		99
43) 2,4,6-Trichlorophenol	8.97	196	332897	56.575	ng		100
44) 2,4,5-Trichlorophenol	9.02	196	340855	56.362	ng		99
46) 1,1'-Biphenyl	9.16	154	1127675	52.054	ng		99
47) 2-Chloronaphthalene	9.18	162	954617	53.831	ng		99
48) 2-Nitroaniline	9.28	65	321841	57.092	ng		97
49) Acenaphthylene	9.59	152	1380272	52.132	ng		99
50) Dimethylphthalate	9.47	163	1146828	53.476	ng		99
51) 2,6-Dinitrotoluene	9.53	165	255556	56.018	ng		98
52) Acenaphthene	9.77	154	844356	52.467	ng		97
53) 3-Nitroaniline	9.70	138	315298	56.058	ng		98
54) 2,4-Dinitrophenol	9.80	184	152357	69.909	ng		95
55) Dibenzofuran	9.94	168	1167879	49.451	ng		99
56) 4-Nitrophenol	9.86	139	210064	60.506	ng		98
57) 2,4-Dinitrotoluene	9.93	165	283957	51.253	ng		89
58) Fluorene	10.28	166	860663	48.033	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	289015	55.662	ng		99
60) Diethylphthalate	10.16	149	1078405	51.080	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	434797	47.913	ng		97
62) 4-Nitroaniline	10.32	138	318704	55.299	ng		100
63) Azobenzene	10.43	77	1008915	51.944	ng		98
65) 4,6-Dinitro-2-methylphenol	10.35	198	184368	64.230	ng		88
66) n-Nitrosodiphenylamine	10.40	169	889746	54.605	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	326697	55.157	ng		96
68) Hexachlorobenzene	10.83	284	367541	54.450	ng		97
69) Atrazine	10.93	200	280357	54.620	ng		99
70) Pentachlorophenol	11.02	266	199217	64.593	ng		99
71) Phenanthrene	11.24	178	1359496	51.653	ng		100
72) Anthracene	11.29	178	1377128	52.515	ng		99
73) Carbazole	11.45	167	1338554	53.392	ng		100
74) Di-n-butylphthalate	11.78	149	1576434	49.652	ng		100
75) Fluoranthene	12.42	202	1463760	50.351	ng		98
77) Benzidine	12.54	184	549145	70.896	ng		100
78) Pyrene	12.65	202	1479108	60.831	ng		98
80) Butylbenzylphthalate	13.27	149	646610	57.581	ng		94
81) Benzo(a)anthracene	13.84	228	1046948	53.770	ng		99
82) 3,3'-Dichlorobenzidine	13.80	252	431607	53.564	ng		99
83) Chrysene	13.87	228	1178529	56.014	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	682827	50.727	ng	#	98
85) Di-n-octyl phthalate	14.44	149	1330338	51.784	ng		100
87) Indeno(1,2,3-cd)pyrene	16.61	276	1063242	57.864	ng		100
88) Benzo(b)fluoranthene	14.86	252	1081615	56.949	ng		99
89) Benzo(k)fluoranthene	14.89	252	987415	57.520	ng		99
90) Benzo(a)pyrene	15.20	252	964611	58.134	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	856892	56.860	ng		100
92) Benzo(g,h,i)perylene	17.02	276	867059	59.210	ng		99

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

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