Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121391.D
Acq On : 24 Aug 2020 10:23
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/25/2020 4:18:49 PM

Quant Time: Aug 24 12:01:56 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	165203	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	618647	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	319611	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	615825	20.00	ng	0.00
76) Chrysene-d12	13.86	240	474178	20.00	ng	0.00
86) Perylene-d12	15.27	264	521181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	739681	73.42	ng	0.00
7) Phenol-d6	6.35	99	910506	70.79	ng	0.00
23) Nitrobenzene-d5	7.27	82	988889	90.40	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	276237	74.17	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1578858	96.60	ng	0.00
79) Terphenyl-d14	12.81	244	1728686	71.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	171391	37.593	ng	100
3) Pyridine	3.03	79	478227	39.083	ng	100
4) n-Nitrosodimethylamine	2.99	42	187162	37.580	ng	100
6) Aniline	6.36	93	510988	34.407	ng	100
8) 2-Chlorophenol	6.49	128	392345	37.259	ng	100
9) Benzaldehyde	6.25	77	286178	39.552	ng	100
10) Phenol	6.36	94	449428	33.326	ng	100
11) bis(2-Chloroethyl)ether	6.44	93	380711	36.655	ng	100
12) 1,3-Dichlorobenzene	6.64	146	431169	36.547	ng	100
13) 1,4-Dichlorobenzene	6.72	146	437157	36.706	ng	100
14) 1,2-Dichlorobenzene	6.87	146	388828	34.282	ng	100
15) Benzyl Alcohol	6.85	79	278446	35.982	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	549298	35.918	ng	100
17) 2-Methylphenol	6.97	107	309259	35.594	ng	100
18) Hexachloroethane	7.21	117	161914	36.512	ng	100
19) n-Nitroso-di-n-propylamine	7.12	70	246936	35.699	ng	100
20) 3+4-Methylphenols	7.13	107	362779	41.545	ng	100
22) Acetophenone	7.12	105	520255	35.970	ng	100
24) Nitrobenzene	7.29	77	402116	36.068	ng	100
25) Isophorone	7.53	82	705503	35.441	ng	100
26) 2-Nitrophenol	7.60	139	216680	37.896	ng	100
27) 2,4-Dimethylphenol	7.65	122	298446	36.580	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	485828	35.852	ng	100
29) 2,4-Dichlorophenol	7.85	162	323793	36.350	ng	100
30) 1,2,4-Trichlorobenzene	7.93	180	367033	36.032	ng	100
31) Naphthalene	8.01	128	1092484	35.482	ng	100
32) Benzoic acid	7.80	122	230828	37.925	ng	100
33) 4-Chloroaniline	8.06	127	493025	36.161	ng	100
34) Hexachlorobutadiene	8.12	225	216086	35.845	ng	100
35) Caprolactam	8.45	113	109902m	37.672	ng	
36) 4-Chloro-3-methylphenol	8.55	107	332657	36.924	ng	100
37) 2-Methylnaphthalene	8.70	142	714793	35.818	ng	100
38) 1-Methylnaphthalene	8.79	142	676946	35.675	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	345908	36.465	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	129872	38.078	ng	100
43) 2,4,6-Trichlorophenol	8.98	196	241067	37.172	ng	100
44) 2,4,5-Trichlorophenol	9.03	196	248578	37.257	ng	100
46) 1,1'-Biphenyl	9.16	154	863631	36.052	ng	100
47) 2-Chloronaphthalene	9.19	162	712565	36.105	ng	100
48) 2-Nitroaniline	9.29	65	230924	37.162	ng	100
49) Acenaphthylene	9.60	152	1047497	35.734	ng	100
50) Dimethylphthalate	9.46	163	843054	36.257	ng	100
51) 2,6-Dinitrotoluene	9.53	165	185128	37.279	ng	100
52) Acenaphthene	9.77	154	640063	35.936	ng	100
53) 3-Nitroaniline	9.70	138	233585	37.601	ng	100
54) 2,4-Dinitrophenol	9.82	184	92770	38.750	ng	100
55) Dibenzofuran	9.95	168	904720	39.087	ng	100
56) 4-Nitrophenol	9.87	139	139621	36.443	ng	100
57) 2,4-Dinitrotoluene	9.94	165	218678	36.096	ng	100
58) Fluorene	10.29	166	710855	42.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	217031	38.052	ng	100
60) Diethylphthalate	10.16	149	820115	36.119	ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	360282	42.434	ng	100
62) 4-Nitroaniline	10.32	138	238545	37.476	ng	100
63) Azobenzene	10.44	77	763142	36.186	ng	100
65) 4,6-Dinitro-2-methylphenol	10.35	198	126412	38.384	ng	100
66) n-Nitrosodiphenylamine	10.40	169	678638	35.726	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	246354	36.064	ng	100
68) Hexachlorobenzene	10.83	284	279663	35.517	ng	100
69) Atrazine	10.93	200	214919	36.524	ng	100
70) Pentachlorophenol	11.03	266	127186	36.303	ng	100
71) Phenanthrene	11.25	178	1090066	34.201	ng	100
72) Anthracene	11.30	178	1083965	35.317	ng	100
73) Carbazole	11.46	167	1055861	36.047	ng	100
74) Di-n-butylphthalate	11.78	149	1280806	36.262	ng	100
75) Fluoranthene	12.43	202	1198421	34.642	ng	100
77) Benzidine	12.56	184	576041	44.094	ng	100
78) Pyrene	12.66	202	1234507	34.659	ng	100
80) Butylbenzylphthalate	13.28	149	556993	36.393	ng	100
81) Benzo(a)anthracene	13.85	228	1042227	35.388	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	424985	37.583	ng	100
83) Chrysene	13.89	228	1057025	35.092	ng	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	699379	38.857	ng	100
85) Di-n-octyl phthalate	14.45	149	1262762	37.910	ng	100
87) Indeno(1,2,3-cd)pyrene	16.65	276	1107926	34.825	ng	100
88) Benzo(b)fluoranthene	14.87	252	1072938	31.866	ng	100
89) Benzo(k)fluoranthene	14.90	252	1022747	34.507	ng	100
90) Benzo(a)pyrene	15.22	252	988196	33.967	ng	100
91) Dibenzo(a,h)anthracene	16.66	278	893470	34.253	ng	100
92) Benzo(g,h,i)perylene	17.06	276	897367	35.189	ng	100

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

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