Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
Data File : BF120725.D
Acq On : 29 Jun 2020 13:57
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/30/2020 4:14:31 PM

Quant Time: Jun 29 15:39:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 15:30:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	135556	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	489952	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	256961	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	506703	20.00	ng	0.00
76) Chrysene-d12	13.96	240	413136	20.00	ng	0.00
86) Perylene-d12	15.39	264	448472	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	599305	75.80	ng	0.00
7) Phenol-d6	6.43	99	754499	76.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	652883	74.48	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	232126	77.70	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1233340	73.44	ng	0.00
79) Terphenyl-d14	12.90	244	1448025	77.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	133401	35.598	ng	100
3) Pyridine	3.20	79	369186	35.045	ng	100
4) n-Nitrosodimethylamine	3.16	42	146354	33.476	ng	100
6) Aniline	6.46	93	473441	37.566	ng	100
8) 2-Chlorophenol	6.58	128	339146	37.958	ng	100
9) Benzaldehyde	6.34	77	205215	32.946	ng	100
10) Phenol	6.45	94	408598	38.888	ng	100
11) bis(2-Chloroethyl)ether	6.53	93	319081	36.459	ng	100
12) 1,3-Dichlorobenzene	6.73	146	368761	38.822	ng	100
13) 1,4-Dichlorobenzene	6.81	146	370274	39.509	ng	100
14) 1,2-Dichlorobenzene	6.96	146	347806	38.098	ng	100
15) Benzyl Alcohol	6.93	79	266292	38.131	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	466292	37.004	ng	100
17) 2-Methylphenol	7.05	107	288793	37.897	ng	100
18) Hexachloroethane	7.30	117	131817	38.171	ng	100
19) n-Nitroso-di-n-propylamine	7.20	70	207559	36.336	ng	100
20) 3+4-Methylphenols	7.20	107	338614	35.559	ng	100
22) Acetophenone	7.20	105	411851	37.599	ng	100
24) Nitrobenzene	7.37	77	339056	36.964	ng	100
25) Isophorone	7.62	82	619827	36.301	ng	100
26) 2-Nitrophenol	7.69	139	182068	37.519	ng	100
27) 2,4-Dimethylphenol	7.73	122	264526	37.023	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	386538	39.054	ng	100
29) 2,4-Dichlorophenol	7.93	162	281626	38.776	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	312895	38.875	ng	100
31) Naphthalene	8.09	128	951120	39.534	ng	100
32) Benzoic acid	7.86	122	181846	33.171	ng	100
33) 4-Chloroaniline	8.15	127	422511	38.262	ng	100
34) Hexachlorobutadiene	8.21	225	190320	40.565	ng	100
35) Caprolactam	8.52	113	88401m	38.056	ng	
36) 4-Chloro-3-methylphenol	8.63	107	284521	39.211	ng	100
37) 2-Methylnaphthalene	8.79	142	638035	40.625	ng	100
38) 1-Methylnaphthalene	8.89	142	601553	40.705	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	302493	39.425	ng	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	169935	39.524	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	207695	38.160	ng	100
44) 2,4,5-Trichlorophenol	9.11	196	236742	38.340	ng	100
46) 1,1'-Biphenyl	9.25	154	761421	39.683	ng	100
47) 2-Chloronaphthalene	9.27	162	616572	39.296	ng	100
48) 2-Nitroaniline	9.37	65	187496	38.048	ng	100
49) Acenaphthylene	9.69	152	960440	39.663	ng	100
50) Dimethylphthalate	9.55	163	728433	39.361	ng	100
51) 2,6-Dinitrotoluene	9.62	165	162629	38.776	ng	100
52) Acenaphthene	9.86	154	563125	38.992	ng	100
53) 3-Nitroaniline	9.79	138	193135	38.340	ng	100
54) 2,4-Dinitrophenol	9.89	184	106750	44.788	ng	100
55) Dibenzofuran	10.03	168	867812	39.189	ng	100
56) 4-Nitrophenol	9.95	139	153116	40.358	ng	100
57) 2,4-Dinitrotoluene	10.02	165	216378	38.880	ng	100
58) Fluorene	10.37	166	665821	39.004	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	185357	38.155	ng	100
60) Diethylphthalate	10.25	149	723321	39.685	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	339684	38.532	ng	100
62) 4-Nitroaniline	10.40	138	193677	38.727	ng	100
63) Azobenzene	10.53	77	646905	39.100	ng	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	115083	37.851	ng	100
66) n-Nitrosodiphenylamine	10.49	169	613582	39.432	ng	100
67) 4-Bromophenyl-phenylether	10.86	248	226336	39.358	ng	100
68) Hexachlorobenzene	10.92	284	242006	39.141	ng	100
69) Atrazine	11.02	200	168853	35.067	ng	100
70) Pentachlorophenol	11.12	266	121540	35.358	ng	100
71) Phenanthrene	11.34	178	991394	39.360	ng	100
72) Anthracene	11.39	178	1016372	40.032	ng	100
73) Carbazole	11.55	167	995274	39.601	ng	100
74) Di-n-butylphthalate	11.87	149	1153286	40.817	ng	100
75) Fluoranthene	12.53	202	1119170	38.862	ng	100
77) Benzidine	12.65	184	392891	28.120	ng	100
78) Pyrene	12.76	202	1160110	39.638	ng	100
80) Butylbenzylphthalate	13.37	149	514082	39.558	ng	100
81) Benzo(a)anthracene	13.95	228	1007229	40.580	ng	100
82) 3,3'-Dichlorobenzidine	13.90	252	384531	40.559	ng	100
83) Chrysene	13.98	228	1018966	40.022	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	686129	43.260	ng	100
85) Di-n-octyl phthalate	14.54	149	1224122	40.441	ng	100
87) Indeno(1,2,3-cd)pyrene	16.82	276	1153416	42.281	ng	100
88) Benzo(b)fluoranthene	14.98	252	1035611	38.766	ng	100
89) Benzo(k)fluoranthene	15.01	252	1017273	43.034	ng	100
90) Benzo(a)pyrene	15.33	252	976217	40.832	ng	100
91) Dibenzo(a,h)anthracene	16.84	278	947806	43.327	ng	100
92) Benzo(g,h,i)perylene	17.25	276	899419	40.790	ng	100

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

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