Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
Data File : BF120588.D
Acq On : 10 Jun 2020 12:49
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:36 PM

Quant Time: Jun 10 13:45:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 13:32:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	147103	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	571236	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	273533	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	547285	20.00	ng	0.00
76) Chrysene-d12	13.96	240	457326	20.00	ng	0.00
86) Perylene-d12	15.40	264	547774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	754637	100.31	ng	0.00
7) Phenol-d6	6.44	99	1000323	104.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	842156	91.93	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	282316	100.00	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1456054	89.35	ng	0.00
79) Terphenyl-d14	12.91	244	1779802	90.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	184100	46.899	ng	100
3) Pyridine	3.23	79	523033	49.777	ng	100
4) n-Nitrosodimethylamine	3.19	42	217527	48.906	ng	100
6) Aniline	6.46	93	648696	50.391	ng	100
8) 2-Chlorophenol	6.59	128	442681	50.911	ng	100
9) Benzaldehyde	6.35	77	310714	63.118	ng	100
10) Phenol	6.45	94	540069	48.856	ng	100
11) bis(2-Chloroethyl)ether	6.54	93	431773	49.805	ng	100
12) 1,3-Dichlorobenzene	6.75	146	464116	49.049	ng	100
13) 1,4-Dichlorobenzene	6.82	146	438429	45.867	ng	100
14) 1,2-Dichlorobenzene	6.97	146	439254	47.134	ng	100
15) Benzyl Alcohol	6.95	79	345389	46.751	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	604542	47.220	ng	100
17) 2-Methylphenol	7.06	107	342955	44.931	ng	100
18) Hexachloroethane	7.32	117	164304	46.994	ng	100
19) n-Nitroso-di-n-propylamine	7.22	70	269311	45.997	ng	100
20) 3+4-Methylphenols	7.21	107	432408	45.429	ng	100
22) Acetophenone	7.22	105	519707	44.255	ng	100
24) Nitrobenzene	7.39	77	418087	43.467	ng	100
25) Isophorone	7.63	82	819889	46.261	ng	100
26) 2-Nitrophenol	7.70	139	242608	48.911	ng	100
27) 2,4-Dimethylphenol	7.74	122	352801	48.639	ng	100
28) bis(2-Chloroethoxy)methane	7.83	93	520006	49.371	ng	100
29) 2,4-Dichlorophenol	7.95	162	382434	50.425	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	420838	49.443	ng	100
31) Naphthalene	8.11	128	1219918	47.598	ng	100
32) Benzoic acid	7.86	122	290547	48.946	ng	100
33) 4-Chloroaniline	8.16	127	543103	47.479	ng	100
34) Hexachlorobutadiene	8.22	225	224237	45.075	ng	100
35) Caprolactam	8.53	113	106089m	40.743	ng	
36) 4-Chloro-3-methylphenol	8.64	107	341119	43.517	ng	100
37) 2-Methylnaphthalene	8.80	142	749802	43.939	ng	100
38) 1-Methylnaphthalene	8.90	142	714436	45.704	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	357519	49.426	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	198705	48.044	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	252630	49.229	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	288360	49.423	ng	100
46) 1,1'-Biphenyl	9.26	154	899302	48.440	ng	100
47) 2-Chloronaphthalene	9.29	162	733717	47.943	ng	100
48) 2-Nitroaniline	9.38	65	227462	47.742	ng	100
49) Acenaphthylene	9.70	152	1146194	49.475	ng	100
50) Dimethylphthalate	9.56	163	850919	46.863	ng	100
51) 2,6-Dinitrotoluene	9.62	165	195382	48.353	ng	100
52) Acenaphthene	9.87	154	678485m	48.999	ng	
53) 3-Nitroaniline	9.79	138	231056	48.358	ng	100
54) 2,4-Dinitrophenol	9.90	184	101109	46.433	ng	100
55) Dibenzofuran	10.05	168	1035720	49.495	ng	100
56) 4-Nitrophenol	9.95	139	173337	49.752	ng	100
57) 2,4-Dinitrotoluene	10.03	165	258640	49.104	ng	100
58) Fluorene	10.39	166	774010	49.231	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	224779	49.378	ng	100
60) Diethylphthalate	10.26	149	854708	48.840	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	403362	49.696	ng	100
62) 4-Nitroaniline	10.40	138	232461	48.232	ng	100
63) Azobenzene	10.54	77	777356	47.469	ng	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	142786	48.647	ng	100
66) n-Nitrosodiphenylamine	10.50	169	722464	49.280	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	273075	49.953	ng	100
68) Hexachlorobenzene	10.93	284	288602	49.129	ng	100
69) Atrazine	11.02	200	224226	53.986	ng	100
70) Pentachlorophenol	11.13	266	165666	52.252	ng	100
71) Phenanthrene	11.35	178	1190426	49.242	ng	100
72) Anthracene	11.40	178	1202950	49.231	ng	100
73) Carbazole	11.55	167	1180057	49.474	ng	100
74) Di-n-butylphthalate	11.89	149	1348924	47.561	ng	100
75) Fluoranthene	12.53	202	1438573	51.602	ng	100
77) Benzidine	12.66	184	714415	65.650	ng	100
78) Pyrene	12.76	202	1446589	49.930	ng	100
80) Butylbenzylphthalate	13.38	149	636957	50.234	ng	100
81) Benzo(a)anthracene	13.95	228	1182167	47.583	ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	457403	50.291	ng	100
83) Chrysene	13.99	228	1231905	48.847	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	758852	47.216	ng	100
85) Di-n-octyl phthalate	14.56	149	1510103	51.884	ng	100
87) Indeno(1,2,3-cd)pyrene	16.83	276	1413582	45.852	ng	100
88) Benzo(b)fluoranthene	14.99	252	1270083	44.411	ng	100
89) Benzo(k)fluoranthene	15.02	252	1288093	49.683	ng	100
90) Benzo(a)pyrene	15.34	252	1269844	48.772	ng	100
91) Dibenzo(a,h)anthracene	16.85	278	1132244	45.475	ng	100
92) Benzo(g,h,i)perylene	17.26	276	1137240	46.669	ng	100

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

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