Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120122.D
Acq On : 22 Apr 2020 11:11
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/24/2020 4:17:50 AM

Quant Time: Apr 22 12:17:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	151850	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	552484	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	268235	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	517792	20.00	ng		0.00
76) Chrysene-d12	13.85	240	386874	20.00	ng		0.00
87) Perylene-d12	15.26	264	327260	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	839727	95.57	ng		0.00
7) Phenol-d6	6.33	99	1087648	96.06	ng		0.00
23) Nitrobenzene-d5	7.25	82	978834	91.66	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	263696	80.29	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1739342	92.06	ng		0.00
79) Terphenyl-d14	12.80	244	1790207	77.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	163072	41.67	ng		99
3) Pyridine	2.96	79	456788	42.54	ng		97
4) n-Nitrosodimethylamine	2.93	42	254675	46.42	ng		97
6) Aniline	6.35	93	562070	37.82	ng	#	66
8) 2-Chlorophenol	6.47	128	460624	46.92	ng		96
9) Benzaldehyde	6.23	77	277780	52.02	ng		99
10) Phenol	6.34	94	589816	45.92	ng		77
11) bis(2-Chloroethyl)ether	6.42	93	448617	45.23	ng		99
12) 1,3-Dichlorobenzene	6.62	146	497396	46.28	ng		99
13) 1,4-Dichlorobenzene	6.70	146	495208	45.23	ng		99
14) 1,2-Dichlorobenzene	6.85	146	467659	46.35	ng		100
15) Benzyl Alcohol	6.83	79	400185	45.51	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	815378	42.25	ng		97
17) 2-Methylphenol	6.95	107	397012	45.31	ng		98
18) Hexachloroethane	7.19	117	186454	45.57	ng		99
19) n-Nitroso-di-n-propylamine	7.11	70	313509	43.06	ng		99
20) 3+4-Methylphenols	7.10	107	496106	46.30	ng		91
22) Acetophenone	7.10	105	604053	46.69	ng	#	90
24) Nitrobenzene	7.27	77	497273	46.29	ng		97
25) Isophorone	7.51	82	880516	42.77	ng		98
26) 2-Nitrophenol	7.59	139	248823	46.36	ng		94
27) 2,4-Dimethylphenol	7.63	122	344579	42.57	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	535947	44.24	ng		100
29) 2,4-Dichlorophenol	7.83	162	370507	44.65	ng		97
30) 1,2,4-Trichlorobenzene	7.91	180	417225	44.38	ng		98
31) Naphthalene	7.99	128	1299082	44.69	ng		98
32) Benzoic acid	7.77	122	282898	39.79	ng		99
33) 4-Chloroaniline	8.05	127	504626	39.88	ng		98
34) Hexachlorobutadiene	8.11	225	240711	42.77	ng		99
35) Caprolactam	8.43	113	109811m	43.26	ng		
36) 4-Chloro-3-methylphenol	8.53	107	391182	43.55	ng		100
37) 2-Methylnaphthalene	8.68	142	846523	42.96	ng		99
38) 1-Methylnaphthalene	8.78	142	798952	43.01	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	392893	46.38	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	186765	38.77	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	260977	44.61	ng	98
44) 2,4,5-Trichlorophenol	9.00	196	292701	44.42	ng	98
46) 1,1'-Biphenyl	9.15	154	1042657	46.05	ng	98
47) 2-Chloronaphthalene	9.17	162	809484	46.41	ng	100
48) 2-Nitroaniline	9.27	65	296128	46.85	ng	99
49) Acenaphthylene	9.59	152	1203473	45.37	ng	98
50) Dimethylphthalate	9.46	163	909664	43.84	ng	99
51) 2,6-Dinitrotoluene	9.52	165	203267	44.74	ng	90
52) Acenaphthene	9.76	154	723367	40.88	ng	97
53) 3-Nitroaniline	9.69	138	238406	45.94	ng	96
54) 2,4-Dinitrophenol	9.79	184	111064	40.83	ng	95
55) Dibenzofuran	9.93	168	1086058	44.73	ng	98
56) 4-Nitrophenol	9.86	139	168257	43.58	ng	90
57) 2,4-Dinitrotoluene	9.92	165	261641	43.71	ng	97
58) Fluorene	10.27	166	856568	44.11	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	218206	43.30	ng	98
60) Diethylphthalate	10.15	149	922488	42.90	ng	98
61) 4-Chlorophenyl-phenylether	10.27	204	417368	41.94	ng	97
62) 4-Nitroaniline	10.30	138	246864	49.92	ng	95
63) Azobenzene	10.43	77	864364	44.85	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	153473	44.99	ng	99
66) n-Nitrosodiphenylamine	10.39	169	764900	44.42	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	257816	40.04	ng	96
68) Hexachlorobenzene	10.82	284	273629	41.89	ng	94
69) Atrazine	10.92	200	181287	37.84	ng	99
70) Pentachlorophenol	11.02	266	137200	36.45	ng	100
71) Phenanthrene	11.23	178	1233654	44.77	ng	99
72) Anthracene	11.29	178	1237532	43.96	ng	98
73) Carbazole	11.44	167	1219235	45.80	ng	97
74) Di-n-butylphthalate	11.78	149	1431169	40.89	ng	99
75) Fluoranthene	12.42	202	1350587	45.42	ng	98
77) Benzidine	12.54	184	124663	9.53	ng	98
78) Pyrene	12.65	202	1385675	42.49	ng	98
80) Butylbenzylphthalate	13.27	149	608865	38.47	ng	95
81) Benzo(a)anthracene	13.84	228	1123040	44.13	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	378062	39.81	ng	98
83) Chrysene	13.88	228	1134873	43.88	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	768579	35.86	ng	100
85) Di-n-octyl phthalate	14.45	149	1374035	37.66	ng	99
86) Indeno(1,2,3-cd)pyrene	16.62	276	920061	40.36	ng	100
88) Benzo(b)fluoranthene	14.86	252	1036877	44.04	ng	99
89) Benzo(k)fluoranthene	14.89	252	961063	47.31	ng	99
90) Benzo(a)pyrene	15.20	252	910375	45.99	ng	98
91) Dibenzo(a,h)anthracene	16.64	278	739911	42.20	ng	99
92) Benzo(g,h,i)perylene	17.03	276	730910	42.23	ng	97

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

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