Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052820\
Data File : BF120401.D
Acq On : 28 May 2020 11:51
Operator : MA/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
5/29/2020 10:27:47 PM

Quant Time: May 28 12:30:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 11:27:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	252965	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	954976	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	491158	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	929224	20.00	ng	0.00
76) Chrysene-d12	14.00	240	647875	20.00	ng	0.00
86) Perylene-d12	15.44	264	598260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1474144	113.39	ng	0.00
7) Phenol-d6	6.47	99	1809922	110.08	ng	0.00
23) Nitrobenzene-d5	7.41	82	1656567	118.77	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	516801	129.05	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2814247	117.72	ng	0.00
79) Terphenyl-d14	12.95	244	3067182	104.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	374298	72.373	ng	100
3) Pyridine	3.33	79	1040664	64.012	ng	99
4) n-Nitrosodimethylamine	3.30	42	446079	70.075	ng	100
6) Aniline	6.51	93	1282247	60.982	ng	99
8) 2-Chlorophenol	6.63	128	834941	55.079	ng	96
9) Benzaldehyde	6.39	77	492073	48.550	ng	99
10) Phenol	6.49	94	991358m	51.653	ng	
11) bis(2-Chloroethyl)ether	6.58	93	832346	54.292	ng	96
12) 1,3-Dichlorobenzene	6.79	146	913594	56.322	ng	98
13) 1,4-Dichlorobenzene	6.86	146	907178	54.301	ng	99
14) 1,2-Dichlorobenzene	7.02	146	833450	55.398	ng	98
15) Benzyl Alcohol	6.99	79	694477	59.457	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1320883	54.671	ng	99
17) 2-Methylphenol	7.09	107	753789	58.904	ng	100
18) Hexachloroethane	7.36	117	335336	52.689	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	579700	53.820	ng	99
20) 3+4-Methylphenols	7.25	107	830229	49.900	ng	94
22) Acetophenone	7.26	105	1047742	53.555	ng	99
24) Nitrobenzene	7.43	77	885251	58.973	ng	97
25) Isophorone	7.67	82	1655191	57.033	ng	99
26) 2-Nitrophenol	7.74	139	425048	54.141	ng	95
27) 2,4-Dimethylphenol	7.77	122	690455	60.458	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	992307	54.398	ng	99
29) 2,4-Dichlorophenol	7.98	162	699057	59.600	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	782476	60.201	ng	99
31) Naphthalene	8.15	128	2286007	56.719	ng	99
32) Benzoic acid	7.91	122	595326	79.528	ng	97
33) 4-Chloroaniline	8.19	127	1024299	55.766	ng	99
34) Hexachlorobutadiene	8.27	225	458232	60.995	ng	99
35) Caprolactam	8.58	113	232558	60.605	ng	99
36) 4-Chloro-3-methylphenol	8.67	107	714590	56.318	ng	100
37) 2-Methylnaphthalene	8.84	142	1515490	54.946	ng	99
38) 1-Methylnaphthalene	8.94	142	1440401	53.845	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	700896	56.593	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	404027	92.212	ng	99
43) 2,4,6-Trichlorophenol	9.11	196	520836	62.652	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	589395	61.736	ng	98
46) 1,1'-Biphenyl	9.30	154	1772291	55.072	ng	99
47) 2-Chloronaphthalene	9.33	162	1470650	56.971	ng	96
48) 2-Nitroaniline	9.42	65	476988	50.643	ng	93
49) Acenaphthylene	9.75	152	2282388	57.881	ng	99
50) Dimethylphthalate	9.61	163	1714101	55.208	ng	100
51) 2,6-Dinitrotoluene	9.66	165	398468	57.502	ng	96
52) Acenaphthene	9.92	154	1429056	60.461	ng	99
53) 3-Nitroaniline	9.83	138	466373	56.436	ng	98
54) 2,4-Dinitrophenol	9.93	184	159167	48.660	ng	97
55) Dibenzofuran	10.09	168	2045116	60.085	ng	99
56) 4-Nitrophenol	9.98	139	369622	83.243	ng	99
57) 2,4-Dinitrotoluene	10.06	165	521343	64.135	ng	99
58) Fluorene	10.43	166	1451115	55.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	460753	64.129	ng	99
60) Diethylphthalate	10.30	149	1743799	58.175	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	741738	55.036	ng	99
62) 4-Nitroaniline	10.44	138	447674	58.177	ng	99
63) Azobenzene	10.58	77	1621665	57.243	ng	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	225465	47.977	ng	96
66) n-Nitrosodiphenylamine	10.54	169	1451234	56.451	ng	100
67) 4-Bromophenyl-phenylether	10.91	248	524821	58.204	ng	94
68) Hexachlorobenzene	10.97	284	561149	59.486	ng	94
69) Atrazine	11.06	200	419090	54.481	ng	97
70) Pentachlorophenol	11.16	266	365080	90.995	ng	98
71) Phenanthrene	11.39	178	2270466	58.148	ng	99
72) Anthracene	11.44	178	2273508	54.390	ng	98
73) Carbazole	11.59	167	2212487	56.649	ng	98
74) Di-n-butylphthalate	11.93	149	2554185	54.263	ng	98
75) Fluoranthene	12.57	202	2447587	58.484	ng	98
77) Benzidine	12.69	184	959586	50.721	ng	96
78) Pyrene	12.80	202	2511787	54.383	ng	99
80) Butylbenzylphthalate	13.42	149	1087831	50.018	ng	98
81) Benzo(a)anthracene	13.99	228	1889533	55.296	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	721866	56.057	ng	99
83) Chrysene	14.03	228	2041601	55.640	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1221723	45.150	ng	99
85) Di-n-octyl phthalate	14.60	149	2227443	45.758	ng	99
87) Indeno(1,2,3-cd)pyrene	16.89	276	1900305	59.963	ng	99
88) Benzo(b)fluoranthene	15.03	252	1845769	56.493	ng	99
89) Benzo(k)fluoranthene	15.06	252	1804488	63.748	ng	99
90) Benzo(a)pyrene	15.39	252	1680738	57.360	ng	97
91) Dibenzo(a,h)anthracene	16.91	278	1534437	59.112	ng	99
92) Benzo(g,h,i)perylene	17.33	276	1535793	58.671	ng	99

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

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