Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
Data File : BF120596.D
Acq On : 11 Jun 2020 10:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/15/2020 8:42:41 AM

Quant Time: Jun 11 12:36:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	178450	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	662221	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	346997	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	678242	20.00	ng	0.00
76) Chrysene-d12	13.96	240	490800	20.00	ng	0.00
86) Perylene-d12	15.40	264	516568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	840545	80.76	ng	0.00
7) Phenol-d6	6.44	99	1082964	83.54	ng	0.00
23) Nitrobenzene-d5	7.37	82	925314	78.10	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	325190	80.61	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1652052	72.84	ng	0.00
79) Terphenyl-d14	12.91	244	1824605	82.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	185040	37.509	ng	100
3) Pyridine	3.24	79	518297	37.374	ng	99
4) n-Nitrosodimethylamine	3.19	42	217558	37.802	ng	98
6) Aniline	6.46	93	686855	41.400	ng	99
8) 2-Chlorophenol	6.59	128	456344	38.798	ng	98
9) Benzaldehyde	6.35	77	336239	41.006	ng	98
10) Phenol	6.45	94	593684	42.922	ng	99
11) bis(2-Chloroethyl)ether	6.54	93	448316	38.913	ng	99
12) 1,3-Dichlorobenzene	6.75	146	496908	39.739	ng	100
13) 1,4-Dichlorobenzene	6.82	146	499536	40.490	ng	99
14) 1,2-Dichlorobenzene	6.97	146	481278	40.047	ng	99
15) Benzyl Alcohol	6.95	79	384023	41.771	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	713325	43.001	ng	99
17) 2-Methylphenol	7.06	107	420592	41.926	ng	99
18) Hexachloroethane	7.32	117	186659	41.060	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	307252	40.859	ng	99
20) 3+4-Methylphenols	7.21	107	476748	38.031	ng	97
22) Acetophenone	7.22	105	581529	39.279	ng	99
24) Nitrobenzene	7.39	77	495360	39.956	ng	98
25) Isophorone	7.63	82	899666	38.984	ng	99
26) 2-Nitrophenol	7.70	139	256202	39.062	ng	99
27) 2,4-Dimethylphenol	7.74	122	376788	39.016	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	542893	40.582	ng	99
29) 2,4-Dichlorophenol	7.95	162	386491	39.372	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	429191	39.452	ng	100
31) Naphthalene	8.11	128	1316391	40.483	ng	100
32) Benzoic acid	7.86	122	293367	39.593	ng	98
33) 4-Chloroaniline	8.16	127	596600	39.973	ng	100
34) Hexachlorobutadiene	8.22	225	263838	41.606	ng	100
35) Caprolactam	8.53	113	124514m	39.659	ng	
36) 4-Chloro-3-methylphenol	8.64	107	402914	41.083	ng	97
37) 2-Methylnaphthalene	8.80	142	885549	41.717	ng	99
38) 1-Methylnaphthalene	8.90	142	815946	40.849	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	411538	39.720	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	232355	40.019 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	288031	39.189 ng	98
44) 2,4,5-Trichlorophenol	9.12	196	326422	39.147 ng	98
46) 1,1'-Biphenyl	9.26	154	1039907	40.134 ng	100
47) 2-Chloronaphthalene	9.29	162	847784	40.012 ng	100
48) 2-Nitroaniline	9.38	65	275226	41.359 ng	97
49) Acenaphthylene	9.70	152	1335505	40.841 ng	100
50) Dimethylphthalate	9.56	163	998744	39.964 ng	100
51) 2,6-Dinitrotoluene	9.62	165	228916	40.419 ng	96
52) Acenaphthene	9.87	154	783907m	40.196 ng	
53) 3-Nitroaniline	9.79	138	269093	39.558 ng	98
54) 2,4-Dinitrophenol	9.90	184	117052	36.944 ng	99
55) Dibenzofuran	10.05	168	1223203	40.905 ng	99
56) 4-Nitrophenol	9.95	139	197770	38.602 ng	96
57) 2,4-Dinitrotoluene	10.03	165	307743	40.949 ng	95
58) Fluorene	10.39	166	907078	39.349 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	262737	40.051 ng	99
60) Diethylphthalate	10.26	149	1019461	41.419 ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	464850	39.049 ng	94
62) 4-Nitroaniline	10.40	138	267925	39.673 ng	97
63) Azobenzene	10.54	77	955590	42.771 ng	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	163626	40.206 ng	96
66) n-Nitrosodiphenylamine	10.50	169	853340	40.970 ng	100
67) 4-Bromophenyl-phenylether	10.87	248	313983	40.790 ng	99
68) Hexachlorobenzene	10.93	284	334628	40.434 ng	99
69) Atrazine	11.02	200	259148	40.207 ng	100
70) Pentachlorophenol	11.13	266	188152	40.892 ng	99
71) Phenanthrene	11.34	178	1355587	40.207 ng	100
72) Anthracene	11.40	178	1385911	40.781 ng	99
73) Carbazole	11.55	167	1344165	39.956 ng	99
74) Di-n-butylphthalate	11.89	149	1597697	42.244 ng	100
75) Fluoranthene	12.53	202	1516763	39.348 ng	100
77) Benzidine	12.66	184	734642	44.259 ng	100
78) Pyrene	12.76	202	1493888	42.966 ng	100
80) Butylbenzylphthalate	13.38	149	626798	40.599 ng	98
81) Benzo(a)anthracene	13.95	228	1179184	39.990 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	453099	40.229 ng	99
83) Chrysene	13.99	228	1208475	39.955 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	803862	42.663 ng	100
85) Di-n-octyl phthalate	14.55	149	1473493	40.977 ng	99
87) Indeno(1,2,3-cd)pyrene	16.83	276	1224126	38.958 ng	99
88) Benzo(b)fluoranthene	14.99	252	1215725	39.509 ng	98
89) Benzo(k)fluoranthene	15.02	252	1145510	42.071 ng	100
90) Benzo(a)pyrene	15.34	252	1111630	40.366 ng	99
91) Dibenzo(a,h)anthracene	16.84	278	1001870	39.761 ng	99
92) Benzo(g,h,i)perylene	17.26	276	978069	38.510 ng	99

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

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