Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
Data File : BF120593.D
Acq On : 10 Jun 2020 17:02
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:51 PM

Quant Time: Jun 10 18:14:32 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 16:20:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	184789	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	581973	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	292798	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	579362	20.00	ng		0.00
76) Chrysene-d12	13.97	240	432007	20.00	ng		0.00
86) Perylene-d12	15.40	264	472258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1493256	141.84	ng		0.01
7) Phenol-d6	6.45	99	1883220	143.19	ng		0.01
23) Nitrobenzene-d5	7.38	82	1715737	168.25	ng		0.01
42) 2,4,6-Tribromophenol	10.63	330	507945	148.53	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.92	244	2723505	143.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	365477	73.015	ng		99
3) Pyridine	3.25	79	1053166	74.998	ng		98
4) n-Nitrosodimethylamine	3.22	42	444570	76.348	ng		99
6) Aniline	6.47	93	1232021	73.225	ng		99
8) 2-Chlorophenol	6.60	128	833982	69.858	ng		98
9) Benzaldehyde	6.36	77	600842	72.535	ng		99
10) Phenol	6.46	94	977936	69.603	ng		84
11) bis(2-Chloroethyl)ether	6.55	93	851108	72.944	ng		98
12) 1,3-Dichlorobenzene	6.75	146	913904	72.100	ng		97
13) 1,4-Dichlorobenzene	6.82	146	936432	74.912	ng		98
14) 1,2-Dichlorobenzene	6.98	146	816348	69.657	ng		99
15) Benzyl Alcohol	6.95	79	668713	71.746	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1300234	77.771	ng		99
17) 2-Methylphenol	7.07	107	802073	79.498	ng		97
18) Hexachloroethane	7.32	117	339865	73.674	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	565719	74.474	ng		98
22) Acetophenone	7.22	105	1009325	79.105	ng	#	93
24) Nitrobenzene	7.40	77	902585	84.488	ng		98
25) Isophorone	7.63	82	1716568	86.420	ng		98
26) 2-Nitrophenol	7.70	139	466927	81.992	ng		99
27) 2,4-Dimethylphenol	7.75	122	701183	84.189	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	871208	74.130	ng		100
29) 2,4-Dichlorophenol	7.95	162	640257	74.520	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	720824	75.911	ng		98
31) Naphthalene	8.11	128	2022521	70.887	ng		98
32) Benzoic acid	7.90	122	551545	84.838	ng		99
33) 4-Chloroaniline	8.16	127	975676	74.334	ng		98
34) Hexachlorobutadiene	8.23	225	405111	72.722	ng		99
35) Caprolactam	8.56	113	217264m	78.931	ng		
36) 4-Chloro-3-methylphenol	8.65	107	687432	80.471	ng		99
37) 2-Methylnaphthalene	8.80	142	1361206	74.014	ng		99
38) 1-Methylnaphthalene	8.90	142	1258956	72.629	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	658252	72.714	ng		99
41) Hexachlorocyclopentadiene	8.95	237	423920	83.257	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.08	196	486273	78.535	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	539956	76.617	ng		99
46) 1,1'-Biphenyl	9.27	154	1581656	72.125	ng		100
47) 2-Chloronaphthalene	9.29	162	1317609	73.643	ng		98
48) 2-Nitroaniline	9.39	65	443827	79.491	ng		97
49) Acenaphthylene	9.71	152	1984914	71.721	ng		100
50) Dimethylphthalate	9.57	163	1613815	76.516	ng		100
51) 2,6-Dinitrotoluene	9.63	165	366241	76.901	ng		99
52) Acenaphthene	9.88	154	1176597m	71.325	ng		
53) 3-Nitroaniline	9.80	138	446718	78.482	ng		98
54) 2,4-Dinitrophenol	9.91	184	235572	92.499	ng		95
55) Dibenzofuran	10.05	168	1763220	69.750	ng		97
56) 4-Nitrophenol	9.97	139	341717	79.746	ng		93
57) 2,4-Dinitrotoluene	10.04	165	464821	73.252	ng	#	90
58) Fluorene	10.39	166	1308320	69.978	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	421514	76.080	ng		100
60) Diethylphthalate	10.27	149	1536944	73.719	ng		98
61) 4-Chlorophenyl-phenylether	10.38	204	666062	68.979	ng		100
62) 4-Nitroaniline	10.42	138	450200	79.624	ng		100
63) Azobenzene	10.55	77	1398363	74.220	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	291424	87.648	ng		87
66) n-Nitrosodiphenylamine	10.50	169	1305822	76.111	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	485065	76.488	ng		99
68) Hexachlorobenzene	10.94	284	525725	77.120	ng		99
69) Atrazine	11.03	200	419189	79.146	ng		99
70) Pentachlorophenol	11.13	266	328632	84.257	ng		99
71) Phenanthrene	11.35	178	2020463	70.309	ng		99
72) Anthracene	11.40	178	2050283	70.915	ng		99
73) Carbazole	11.56	167	2024222	70.627	ng		98
74) Di-n-butylphthalate	11.89	149	2325138	72.237	ng		98
75) Fluoranthene	12.54	202	2292873	69.860	ng		99
77) Benzidine	12.66	184	1126896	77.141	ng		100
78) Pyrene	12.77	202	2339652	76.476	ng		98
80) Butylbenzylphthalate	13.39	149	1073950	79.150	ng		99
81) Benzo(a)anthracene	13.96	228	1939185	75.063	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	767406	77.837	ng		99
83) Chrysene	14.00	228	2034250	76.942	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1276001	76.743	ng	#	99
85) Di-n-octyl phthalate	14.56	149	2408575	76.583	ng		100
87) Indeno(1,2,3-cd)pyrene	16.84	276	2152970	75.343	ng		99
88) Benzo(b)fluoranthene	15.00	252	2233243	78.969	ng		99
89) Benzo(k)fluoranthene	15.03	252	1854813	74.550	ng		99
90) Benzo(a)pyrene	15.36	252	1937786	76.832	ng		99
91) Dibenzo(a,h)anthracene	16.86	278	1717003	74.754	ng		99
92) Benzo(g,h,i)perylene	17.28	276	1735702	75.037	ng		99

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

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