Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060920\
Data File : BF120582.D
Acq On : 9 Jun 2020 16:27
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/10/2020 11:51:00 AM

Quant Time: Jun 09 18:11:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:52:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	170620	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	590902	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	331009	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	675244	20.00	ng		0.00
76) Chrysene-d12	13.97	240	519768	20.00	ng		0.00
86) Perylene-d12	15.41	264	601338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1358644	151.75	ng		0.00
7) Phenol-d6	6.45	99	1632219	147.91	ng		0.01
23) Nitrobenzene-d5	7.38	82	1440008	159.41	ng		0.01
42) 2,4,6-Tribromophenol	10.63	330	487620	158.99	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.92	244	2886263	123.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	373387	84.193	ng		98
3) Pyridine	3.25	79	1044268	85.020	ng		99
4) n-Nitrosodimethylamine	3.22	42	448730	86.329	ng		96
6) Aniline	6.47	93	1049342	68.198	ng	#	41
8) 2-Chlorophenol	6.60	128	673548	66.720	ng		96
9) Benzaldehyde	6.35	77	374458	55.677	ng		99
10) Phenol	6.46	94	920726	76.298	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	669968	66.438	ng		99
12) 1,3-Dichlorobenzene	6.75	146	719021	64.831	ng		98
13) 1,4-Dichlorobenzene	6.82	146	768095	69.415	ng		98
14) 1,2-Dichlorobenzene	6.98	146	726013	71.035	ng		98
15) Benzyl Alcohol	6.96	79	538510	64.737	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	926260	58.264	ng		98
17) 2-Methylphenol	7.07	107	587490	65.081	ng		97
18) Hexachloroethane	7.32	117	280692	69.299	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	484182	69.024	ng		98
22) Acetophenone	7.23	105	861575	71.792	ng		100
24) Nitrobenzene	7.40	77	750460	77.121	ng		98
25) Isophorone	7.63	82	1268679	69.877	ng		99
26) 2-Nitrophenol	7.70	139	376285	85.766	ng		90
27) 2,4-Dimethylphenol	7.75	122	542067	71.145	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	776582	71.027	ng		99
29) 2,4-Dichlorophenol	7.95	162	558788	72.609	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	633355	73.336	ng		99
31) Naphthalene	8.11	128	2054090	79.152	ng		99
32) Benzoic acid	7.90	122	501042	88.617	ng		98
33) 4-Chloroaniline	8.16	127	885480	76.988	ng		99
34) Hexachlorobutadiene	8.23	225	380558	74.340	ng		99
35) Caprolactam	8.56	113	230378m	92.435	ng		
36) 4-Chloro-3-methylphenol	8.65	107	660627	84.611	ng		100
37) 2-Methylnaphthalene	8.80	142	1350793	78.583	ng		99
38) 1-Methylnaphthalene	8.90	142	1180904	72.782	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	578720	68.176	ng		99
41) Hexachlorocyclopentadiene	8.95	237	369648	78.026	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.08	196	439914	71.657	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	490301	70.455	ng		96
46) 1,1'-Biphenyl	9.27	154	1641547	75.492	ng		99
47) 2-Chloronaphthalene	9.29	162	1388808	77.563	ng		98
48) 2-Nitroaniline	9.39	65	461776	84.672	ng		92
49) Acenaphthylene	9.71	152	1840644	66.523	ng		99
50) Dimethylphthalate	9.57	163	1645634	79.523	ng		100
51) 2,6-Dinitrotoluene	9.63	165	347441	75.550	ng		97
52) Acenaphthene	9.88	154	1144319m	66.265	ng		
53) 3-Nitroaniline	9.80	138	405358	75.062	ng		99
54) 2,4-Dinitrophenol	9.91	184	221572	142.130	ng		93
55) Dibenzofuran	10.05	168	1783137	71.055	ng		97
56) 4-Nitrophenol	9.97	139	321757	77.823	ng		93
57) 2,4-Dinitrotoluene	10.04	165	463543	78.757	ng		93
58) Fluorene	10.39	166	1275741	67.743	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	383350	70.693	ng		99
60) Diethylphthalate	10.27	149	1460982	69.864	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	655897	64.241	ng		99
62) 4-Nitroaniline	10.42	138	418627	82.112	ng		98
63) Azobenzene	10.55	77	1409793	71.673	ng		99
65) 4,6-Dinitro-2-methylphenol	10.45	198	292727	118.854	ng		94
66) n-Nitrosodiphenylamine	10.50	169	1246385	66.449	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	476772	69.949	ng		98
68) Hexachlorobenzene	10.94	284	522337	71.960	ng		98
69) Atrazine	11.03	200	303171	57.344	ng		98
70) Pentachlorophenol	11.13	266	300094	67.619	ng		98
71) Phenanthrene	11.36	178	2012883	67.653	ng		99
72) Anthracene	11.41	178	2038337	68.280	ng		99
73) Carbazole	11.56	167	2016431	69.835	ng		99
74) Di-n-butylphthalate	11.89	149	2245684	66.859	ng		100
75) Fluoranthene	12.54	202	2303031	71.936	ng		99
77) Benzidine	12.66	184	856141	62.690	ng	#	95
78) Pyrene	12.77	202	2353141	65.099	ng		99
80) Butylbenzylphthalate	13.39	149	1083878	71.825	ng		99
81) Benzo(a)anthracene	13.96	228	1992763	71.536	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	703746	69.585	ng		98
83) Chrysene	14.00	228	2047907	70.124	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1245035	70.285	ng		100
85) Di-n-octyl phthalate	14.56	149	2339847	76.337	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	2339996	71.147	ng		99
88) Benzo(b)fluoranthene	15.00	252	2290453	68.576	ng		98
89) Benzo(k)fluoranthene	15.03	252	2036486	65.312	ng		99
90) Benzo(a)pyrene	15.36	252	2076337	71.071	ng		100
91) Dibenzo(a,h)anthracene	16.87	278	1853139	69.110	ng		97
92) Benzo(g,h,i)perylene	17.29	276	1863449	70.460	ng		100

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

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