Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061020\
Data File : BF120590.D
Acq On : 10 Jun 2020 14:08
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
6/11/2020 1:48:41 PM

Quant Time: Jun 10 14:55:06 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 13:32:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169930	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	584104	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	293182	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	577358	20.00	ng		0.00
76) Chrysene-d12	13.96	240	485371	20.00	ng		0.00
86) Perylene-d12	15.40	264	561603	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1098657	126.42	ng		0.00
7) Phenol-d6	6.45	99	1473118	133.73	ng		0.00
23) Nitrobenzene-d5	7.37	82	1156315	123.45	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	391311	129.31	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1948599	111.56	ng		0.00
79) Terphenyl-d14	12.91	244	2320690	110.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	261569	57.683	ng		99
3) Pyridine	3.25	79	752857	62.024	ng		98
4) n-Nitrosodimethylamine	3.20	42	311814	60.687	ng		99
6) Aniline	6.47	93	935400	62.901	ng		99
8) 2-Chlorophenol	6.59	128	638141	63.532	ng		100
9) Benzaldehyde	6.35	77	425049	74.745	ng		98
10) Phenol	6.46	94	760385	59.546	ng		90
11) bis(2-Chloroethyl)ether	6.55	93	638717	63.779	ng		98
12) 1,3-Dichlorobenzene	6.75	146	692763	63.378	ng		98
13) 1,4-Dichlorobenzene	6.82	146	661236	59.884	ng		99
14) 1,2-Dichlorobenzene	6.97	146	603409	56.051	ng		99
15) Benzyl Alcohol	6.95	79	481965	56.474	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	851144	57.552	ng		99
17) 2-Methylphenol	7.06	107	527946	59.876	ng		99
18) Hexachloroethane	7.32	117	237008	58.682	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	379848	56.162	ng		96
20) 3+4-Methylphenols	7.22	107	578092	52.576	ng		99
22) Acetophenone	7.22	105	703394	58.577	ng	#	94
24) Nitrobenzene	7.39	77	613510	62.380	ng		100
25) Isophorone	7.63	82	1124691	62.061	ng		97
26) 2-Nitrophenol	7.70	139	327761	64.622	ng		97
27) 2,4-Dimethylphenol	7.75	122	476705	64.273	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	676307	62.796	ng		99
29) 2,4-Dichlorophenol	7.95	162	494469	63.761	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	522956	60.087	ng		99
31) Naphthalene	8.11	128	1674937	63.912	ng		98
32) Benzoic acid	7.89	122	420129	69.216	ng		95
33) 4-Chloroaniline	8.16	127	774673	66.231	ng		99
34) Hexachlorobutadiene	8.23	225	334564	65.771	ng		99
35) Caprolactam	8.54	113	158098m	59.379	ng		
36) 4-Chloro-3-methylphenol	8.65	107	483265	60.293	ng		99
37) 2-Methylnaphthalene	8.80	142	1041511	59.688	ng		99
38) 1-Methylnaphthalene	8.90	142	978570	61.223	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	494958	63.840	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	290831	65.606 ng	100
43) 2,4,6-Trichlorophenol	9.07	196	357907	65.070 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	407695	65.193 ng	96
46) 1,1'-Biphenyl	9.26	154	1226199	61.621 ng	99
47) 2-Chloronaphthalene	9.29	162	1012486	61.725 ng	98
48) 2-Nitroaniline	9.39	65	324624	63.569 ng	94
49) Acenaphthylene	9.70	152	1559622	62.808 ng	99
50) Dimethylphthalate	9.57	163	1194071	61.355 ng	99
51) 2,6-Dinitrotoluene	9.63	165	273525	63.155 ng	97
52) Acenaphthene	9.87	154	924907	62.319 ng	100
53) 3-Nitroaniline	9.80	138	328926	64.228 ng	99
54) 2,4-Dinitrophenol	9.90	184	172206	73.783 ng	94
55) Dibenzofuran	10.05	168	1488333	66.357 ng	97
56) 4-Nitrophenol	9.96	139	270701	72.491 ng	99
57) 2,4-Dinitrotoluene	10.03	165	383755	67.975 ng	97
58) Fluorene	10.39	166	1030066	61.127 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	324908	66.591 ng	99
60) Diethylphthalate	10.26	149	1162049	61.952 ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	526415	60.510 ng	98
62) 4-Nitroaniline	10.41	138	329123	63.711 ng	99
63) Azobenzene	10.54	77	1062182	60.515 ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	212337	68.575 ng	99
66) n-Nitrosodiphenylamine	10.50	169	993731	64.252 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	369838	64.129 ng	97
68) Hexachlorobenzene	10.94	284	398525	64.308 ng	95
69) Atrazine	11.03	200	311925	71.189 ng	98
70) Pentachlorophenol	11.13	266	239474	71.597 ng	99
71) Phenanthrene	11.35	178	1581671	62.018 ng	100
72) Anthracene	11.40	178	1603747	62.215 ng	100
73) Carbazole	11.56	167	1670837	66.401 ng	98
74) Di-n-butylphthalate	11.89	149	1776752	59.382 ng	99
75) Fluoranthene	12.54	202	1780129	60.527 ng	98
77) Benzidine	12.66	184	942744	81.626 ng	99
78) Pyrene	12.77	202	1830204	59.521 ng	100
80) Butylbenzylphthalate	13.38	149	873502	64.909 ng	99
81) Benzo(a)anthracene	13.95	228	1635433	62.024 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	653086	67.658 ng	98
83) Chrysene	13.99	228	1667864	62.312 ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	1022745	59.959 ng	99
85) Di-n-octyl phthalate	14.56	149	2020165	65.398 ng	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1876583	59.371 ng	100
88) Benzo(b)fluoranthene	14.99	252	1887264	64.367 ng	100
89) Benzo(k)fluoranthene	15.02	252	1689108	63.547 ng	100
90) Benzo(a)pyrene	15.35	252	1720306	64.446 ng	100
91) Dibenzo(a,h)anthracene	16.86	278	1478230	57.909 ng	98
92) Benzo(g,h,i)perylene	17.27	276	1507127	60.325 ng	99

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

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