Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120378.D
Acq On : 21 May 2020 13:23
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/22/2020 2:55:42 PM

Quant Time: May 21 14:59:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 14:56:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	258806	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	987782	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	472347	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	862749	20.00	ng		0.00
76) Chrysene-d12	13.75	240	550786	20.00	ng		0.00
87) Perylene-d12	15.13	264	444782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1178627	88.61	ng		0.00
7) Phenol-d6	6.25	99	1414300	84.08	ng		0.00
23) Nitrobenzene-d5	7.16	82	1297604	89.94	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	323429	83.98	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2198988	95.64	ng		0.00
79) Terphenyl-d14	12.70	244	2174065	87.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	240787	45.507	ng	#	94
3) Pyridine	2.82	79	769485	46.263	ng		94
4) n-Nitrosodimethylamine	2.79	42	324532	49.830	ng	#	92
6) Aniline	6.26	93	830697	38.616	ng		98
8) 2-Chlorophenol	6.38	128	635578	40.981	ng		97
9) Benzaldehyde	6.13	77	423927	40.882	ng		98
10) Phenol	6.26	94	818321	41.675	ng		91
11) bis(2-Chloroethyl)ether	6.33	93	626528	39.944	ng		98
12) 1,3-Dichlorobenzene	6.53	146	675501	40.704	ng		98
13) 1,4-Dichlorobenzene	6.60	146	703076	41.134	ng		98
14) 1,2-Dichlorobenzene	6.76	146	642670	41.753	ng		99
15) Benzyl Alcohol	6.75	79	515118	43.106	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1075438	43.508	ng		76
17) 2-Methylphenol	6.87	107	530550	40.523	ng		94
18) Hexachloroethane	7.10	117	259985	39.928	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	433340	39.324	ng		94
20) 3+4-Methylphenols	7.03	107	704538	41.390	ng		98
22) Acetophenone	7.02	105	884416	43.705	ng	#	96
24) Nitrobenzene	7.18	77	693349	44.655	ng		96
25) Isophorone	7.42	82	1231675	41.030	ng		98
26) 2-Nitrophenol	7.50	139	351480	43.283	ng		93
27) 2,4-Dimethylphenol	7.55	122	483942	40.968	ng		96
28) bis(2-Chloroethoxy)methane	7.64	93	769571	40.787	ng		99
29) 2,4-Dichlorophenol	7.75	162	509714	42.014	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	563885	41.943	ng		98
31) Naphthalene	7.90	128	1780320	42.705	ng		100
32) Benzoic acid	7.71	122	324142	41.863	ng		93
33) 4-Chloroaniline	7.96	127	673314	35.440	ng		99
34) Hexachlorobutadiene	8.02	225	322026	41.441	ng		96
35) Caprolactam	8.35	113	149253	37.604	ng		93
36) 4-Chloro-3-methylphenol	8.46	107	534091	40.695	ng		98
37) 2-Methylnaphthalene	8.59	142	1165944	40.869	ng		99
38) 1-Methylnaphthalene	8.69	142	1105640	39.959	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	512107	42.997	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.74	237	207088	45.285	ng		98
43) 2,4,6-Trichlorophenol	8.88	196	341564	42.723	ng		99
44) 2,4,5-Trichlorophenol	8.93	196	386627	42.110	ng		99
46) 1,1'-Biphenyl	9.06	154	1331162	43.012	ng		99
47) 2-Chloronaphthalene	9.08	162	1075290	43.314	ng		98
48) 2-Nitroaniline	9.19	65	386521	42.672	ng		97
49) Acenaphthylene	9.49	152	1587940	41.874	ng		99
50) Dimethylphthalate	9.37	163	1193691	39.977	ng		99
51) 2,6-Dinitrotoluene	9.43	165	270828	40.639	ng		87
52) Acenaphthene	9.66	154	964385	42.426	ng		99
53) 3-Nitroaniline	9.60	138	291020	36.619	ng		95
54) 2,4-Dinitrophenol	9.72	184	110175m	35.023	ng		
55) Dibenzofuran	9.84	168	1383509	42.266	ng		97
56) 4-Nitrophenol	9.79	139	140998	33.019	ng		98
57) 2,4-Dinitrotoluene	9.83	165	319902	40.921	ng		89
58) Fluorene	10.18	166	1081702	43.391	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.96	232	266341	38.547	ng		96
60) Diethylphthalate	10.06	149	1204546	41.785	ng		99
61) 4-Chlorophenyl-phenylether	10.17	204	535286	41.299	ng		96
62) 4-Nitroaniline	10.22	138	260189	35.159	ng		100
63) Azobenzene	10.33	77	1179309	43.286	ng		94
65) 4,6-Dinitro-2-methylphenol	10.25	198	165050	37.828	ng		93
66) n-Nitrosodiphenylamine	10.30	169	999961	41.894	ng		99
67) 4-Bromophenyl-phenylether	10.66	248	346046	41.334	ng		96
68) Hexachlorobenzene	10.73	284	353561	40.368	ng		94
69) Atrazine	10.83	200	279667	39.157	ng		98
70) Pentachlorophenol	10.93	266	121854	32.712	ng		98
71) Phenanthrene	11.14	178	1548786	42.722	ng		100
72) Anthracene	11.19	178	1638559	42.220	ng		99
73) Carbazole	11.35	167	1531234	42.227	ng		99
74) Di-n-butylphthalate	11.69	149	1971351	45.108	ng		98
75) Fluoranthene	12.32	202	1666304	42.883	ng		98
77) Benzidine	12.46	184	73739	4.585	ng		97
78) Pyrene	12.55	202	1687764	42.983	ng		99
80) Butylbenzylphthalate	13.17	149	767978	41.536	ng		99
81) Benzo(a)anthracene	13.74	228	1188994	40.929	ng		99
82) 3,3'-Dichlorobenzidine	13.71	252	402533	36.769	ng	#	97
83) Chrysene	13.78	228	1281781	41.090	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	958820	41.681	ng		99
85) Di-n-octyl phthalate	14.35	149	1645260	39.756	ng		98
86) Indeno(1,2,3-cd)pyrene	16.44	276	1006958	35.566	ng		98
88) Benzo(b)fluoranthene	14.75	252	1013232	41.713	ng		98
89) Benzo(k)fluoranthene	14.77	252	1002656	47.644	ng		100
90) Benzo(a)pyrene	15.08	252	916271	42.061	ng		98
91) Dibenzo(a,h)anthracene	16.46	278	827806	42.894	ng		97
92) Benzo(g,h,i)perylene	16.83	276	819429	42.106	ng		98

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

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