Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
Data File : BF120073.D
Acq On : 20 Apr 2020 13:08
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/21/2020 2:54:33 PM

Quant Time: Apr 20 14:22:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 14:10:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	195856	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	756430	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	334689	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	768248	20.00	ng		0.00
76) Chrysene-d12	13.90	240	589897	20.00	ng		0.00
87) Perylene-d12	15.32	264	579229	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	933504	82.37	ng		0.00
7) Phenol-d6	6.36	99	1201260	82.26	ng		0.00
23) Nitrobenzene-d5	7.29	82	1058862	72.42	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	335197	81.80	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1851346	78.54	ng		0.00
79) Terphenyl-d14	12.84	244	2242072	63.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	221911	43.962	ng		98
3) Pyridine	3.03	79	511435	36.929	ng		99
4) n-Nitrosodimethylamine	3.00	42	272920	38.570	ng		97
6) Aniline	6.38	93	771268	40.240	ng	#	58
8) 2-Chlorophenol	6.50	128	504862	39.870	ng		97
9) Benzaldehyde	6.26	77	320849	41.713	ng		98
10) Phenol	6.37	94	653708	39.458	ng		83
11) bis(2-Chloroethyl)ether	6.46	93	512962	40.101	ng		100
12) 1,3-Dichlorobenzene	6.66	146	541028	39.026	ng		99
13) 1,4-Dichlorobenzene	6.73	146	543788	38.507	ng		99
14) 1,2-Dichlorobenzene	6.89	146	516478	39.685	ng		98
15) Benzyl Alcohol	6.87	79	442064	38.975	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	934205	37.530	ng		97
17) 2-Methylphenol	6.99	107	447448	39.596	ng		95
18) Hexachloroethane	7.23	117	206576	39.142	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	369214	39.317	ng		99
20) 3+4-Methylphenols	7.14	107	563554	40.776	ng		97
22) Acetophenone	7.14	105	679866	38.382	ng		96
24) Nitrobenzene	7.31	77	524163	35.636	ng		97
25) Isophorone	7.55	82	1058453	37.552	ng		99
26) 2-Nitrophenol	7.62	139	284731	38.747	ng		98
27) 2,4-Dimethylphenol	7.67	122	421514	38.033	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	640315	38.606	ng		100
29) 2,4-Dichlorophenol	7.87	162	428958	37.759	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	482538	37.487	ng		99
31) Naphthalene	8.03	128	1520001	38.193	ng		100
32) Benzoic acid	7.82	122	335238	34.441	ng		97
33) 4-Chloroaniline	8.08	127	648378	37.423	ng		99
34) Hexachlorobutadiene	8.15	225	288918	37.496	ng		99
35) Caprolactam	8.47	113	126224m	36.323	ng		
36) 4-Chloro-3-methylphenol	8.57	107	457466	37.194	ng		99
37) 2-Methylnaphthalene	8.72	142	884473	32.780	ng		99
38) 1-Methylnaphthalene	8.82	142	821276	32.294	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	404436	38.259	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	252121	41.943	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	311692	42.699	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	308169	37.483	ng		97
46) 1,1'-Biphenyl	9.19	154	1099140	38.908	ng		98
47) 2-Chloronaphthalene	9.21	162	833237	38.289	ng		97
48) 2-Nitroaniline	9.31	65	306818	38.905	ng		94
49) Acenaphthylene	9.63	152	1279661	38.665	ng		99
50) Dimethylphthalate	9.50	163	981933	37.930	ng		100
51) 2,6-Dinitrotoluene	9.56	165	223915	39.498	ng		97
52) Acenaphthene	9.80	154	775911	35.145	ng		98
53) 3-Nitroaniline	9.73	138	247322	38.199	ng		97
54) 2,4-Dinitrophenol	9.83	184	154912	45.643	ng	#	89
55) Dibenzofuran	9.97	168	1352189	44.633	ng		100
56) 4-Nitrophenol	9.90	139	211381	43.879	ng		87
57) 2,4-Dinitrotoluene	9.96	165	327583	43.859	ng		92
58) Fluorene	10.32	166	904638	37.337	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	262952	41.818	ng		99
60) Diethylphthalate	10.20	149	1034765	38.566	ng		98
61) 4-Chlorophenyl-phenylether	10.31	204	453403	36.511	ng		98
62) 4-Nitroaniline	10.35	138	252555	40.931	ng		97
63) Azobenzene	10.47	77	938905	39.047	ng		99
65) 4,6-Dinitro-2-methylphenol	10.37	198	161580	31.925	ng		81
66) n-Nitrosodiphenylamine	10.43	169	814498	31.879	ng		98
67) 4-Bromophenyl-phenylether	10.80	248	336284	35.198	ng		97
68) Hexachlorobenzene	10.86	284	347183	35.821	ng		97
69) Atrazine	10.96	200	244705	34.423	ng		99
70) Pentachlorophenol	11.06	266	179166	32.078	ng		99
71) Phenanthrene	11.28	178	1537160	37.595	ng		99
72) Anthracene	11.33	178	1570169	37.592	ng		99
73) Carbazole	11.49	167	1508917	38.201	ng		99
74) Di-n-butylphthalate	11.82	149	1933357	37.233	ng		100
75) Fluoranthene	12.47	202	1671502	37.888	ng		99
77) Benzidine	12.59	184	737566	36.989	ng		98
78) Pyrene	12.70	202	1714103	34.469	ng		100
80) Butylbenzylphthalate	13.32	149	822564	34.088	ng		96
81) Benzo(a)anthracene	13.89	228	1415372	36.472	ng		99
82) 3,3'-Dichlorobenzidine	13.86	252	540549	37.331	ng		96
83) Chrysene	13.93	228	1461404	37.062	ng		100
84) Bis(2-ethylhexyl)phthalate	13.88	149	1113177	34.066	ng	#	99
85) Di-n-octyl phthalate	14.49	149	1963095	35.283	ng		100
86) Indeno(1,2,3-cd)pyrene	16.72	276	1425270	41.005	ng		98
88) Benzo(b)fluoranthene	14.92	252	1434253	34.421	ng		98
89) Benzo(k)fluoranthene	14.94	252	1367033m	38.024	ng		
90) Benzo(a)pyrene	15.27	252	1315627	37.552	ng		99
91) Dibenzo(a,h)anthracene	16.74	278	1177864	37.955	ng		97
92) Benzo(g,h,i)perylene	17.14	276	1137162	37.122	ng		98

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

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