Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061820\
Data File : BF120642.D
Acq On : 18 Jun 2020 15:04
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/19/2020 12:57:47 PM

Quant Time: Jun 18 16:23:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	152843	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	500557	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	307965	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	605041	20.00	ng		0.00
76) Chrysene-d12	13.96	240	488836	20.00	ng		0.00
86) Perylene-d12	15.40	264	580167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	690594	77.46	ng		0.00
7) Phenol-d6	6.43	99	941943	84.83	ng		0.00
23) Nitrobenzene-d5	7.36	82	792247	88.47	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	296409	82.78	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1546179	76.81	ng		0.00
79) Terphenyl-d14	12.90	244	1787386	80.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	150631	35.650	ng		98
3) Pyridine	3.22	79	441466	37.167	ng		99
4) n-Nitrosodimethylamine	3.17	42	184279	37.384	ng		99
6) Aniline	6.46	93	596156	41.953	ng		97
8) 2-Chlorophenol	6.59	128	400022	39.708	ng		97
9) Benzaldehyde	6.35	77	262370	37.358	ng		98
10) Phenol	6.45	94	512714	43.279	ng		93
11) bis(2-Chloroethyl)ether	6.54	93	389215	39.443	ng		98
12) 1,3-Dichlorobenzene	6.74	146	424974	39.680	ng		98
13) 1,4-Dichlorobenzene	6.82	146	428107	40.514	ng		99
14) 1,2-Dichlorobenzene	6.97	146	402799	39.132	ng		98
15) Benzyl Alcohol	6.95	79	353865	44.939	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	573124	40.337	ng		100
17) 2-Methylphenol	7.06	107	362650	42.206	ng		98
18) Hexachloroethane	7.31	117	150648	38.690	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	282685	43.890	ng		99
20) 3+4-Methylphenols	7.21	107	435675	40.577	ng		97
22) Acetophenone	7.21	105	515456	46.061	ng	#	96
24) Nitrobenzene	7.39	77	415888	44.379	ng		97
25) Isophorone	7.62	82	820464	47.034	ng		98
26) 2-Nitrophenol	7.70	139	217791	43.930	ng		97
27) 2,4-Dimethylphenol	7.74	122	329493	45.138	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	449322	44.435	ng		99
29) 2,4-Dichlorophenol	7.94	162	312728	42.146	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	320390	38.963	ng		99
31) Naphthalene	8.10	128	988464	40.216	ng		99
32) Benzoic acid	7.87	122	250805	44.781	ng		99
33) 4-Chloroaniline	8.15	127	480896	42.626	ng		97
34) Hexachlorobutadiene	8.22	225	196836	41.065	ng		99
35) Caprolactam	8.53	113	108557m	45.743	ng		
36) 4-Chloro-3-methylphenol	8.64	107	335990	45.323	ng		97
37) 2-Methylnaphthalene	8.79	142	741469	46.211	ng		98
38) 1-Methylnaphthalene	8.89	142	719762	47.672	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	352542	38.338	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	183738	35.657 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	268391	41.145 ng	100
44) 2,4,5-Trichlorophenol	9.12	196	295258	39.897 ng	96
46) 1,1'-Biphenyl	9.26	154	909980	39.571 ng	99
47) 2-Chloronaphthalene	9.29	162	711647	37.844 ng	99
48) 2-Nitroaniline	9.38	65	240218	40.674 ng	99
49) Acenaphthylene	9.70	152	1169226	40.288 ng	99
50) Dimethylphthalate	9.56	163	894827	40.344 ng	99
51) 2,6-Dinitrotoluene	9.62	165	207845	41.349 ng	97
52) Acenaphthene	9.87	154	725961	41.942 ng	100
53) 3-Nitroaniline	9.79	138	243796	40.381 ng	99
54) 2,4-Dinitrophenol	9.90	184	108325	38.392 ng	98
55) Dibenzofuran	10.04	168	1090337	41.084 ng	97
56) 4-Nitrophenol	9.95	139	179394	39.453 ng	100
57) 2,4-Dinitrotoluene	10.03	165	273096	40.944 ng	98
58) Fluorene	10.39	166	771323	37.701 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	239442	41.126 ng	98
60) Diethylphthalate	10.26	149	872116	39.924 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	401819	38.032 ng	99
62) 4-Nitroaniline	10.40	138	245717	40.996 ng	99
63) Azobenzene	10.53	77	769423	38.803 ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	144447	39.787 ng	100
66) n-Nitrosodiphenylamine	10.50	169	756560	40.718 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	278178	40.511 ng	96
68) Hexachlorobenzene	10.93	284	291106	39.430 ng	97
69) Atrazine	11.02	200	197903	34.420 ng	98
70) Pentachlorophenol	11.13	266	166100	40.467 ng	99
71) Phenanthrene	11.35	178	1189833	39.560 ng	100
72) Anthracene	11.40	178	1291096	42.587 ng	99
73) Carbazole	11.55	167	1154158	38.459 ng	99
74) Di-n-butylphthalate	11.88	149	1384517	41.036 ng	100
75) Fluoranthene	12.53	202	1385391	40.288 ng	98
77) Benzidine	12.65	184	747749	45.230 ng	99
78) Pyrene	12.76	202	1401800	40.479 ng	100
80) Butylbenzylphthalate	13.38	149	599375	38.978 ng	95
81) Benzo(a)anthracene	13.95	228	1219321	41.518 ng	100
82) 3,3'-Dichlorobenzidine	13.92	252	475953	42.428 ng	99
83) Chrysene	13.99	228	1249975	41.493 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	751280	40.033 ng	99
85) Di-n-octyl phthalate	14.55	149	1606092	44.844 ng	100
87) Indeno(1,2,3-cd)pyrene	16.83	276	1526865	43.266 ng	99
88) Benzo(b)fluoranthene	14.99	252	1349295	39.043 ng	99
89) Benzo(k)fluoranthene	15.02	252	1162450	38.013 ng	98
90) Benzo(a)pyrene	15.34	252	1209140	39.094 ng	100
91) Dibenzo(a,h)anthracene	16.84	278	1202314	42.485 ng	99
92) Benzo(g,h,i)perylene	17.26	276	1191241	41.761 ng	99

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

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