Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121200.D
Acq On : 6 Aug 2020 13:58
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
8/7/2020 1:50:45 PM

Quant Time: Aug 06 14:58:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128419	20.00	ng		-0.01
21) Naphthalene-d8	8.07	136	469074	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	249077	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	497431	20.00	ng		0.00
76) Chrysene-d12	13.96	240	435041	20.00	ng		0.00
86) Perylene-d12	15.41	264	469845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	620750	79.24	ng		-0.02
7) Phenol-d6	6.43	99	784269	77.51	ng		-0.01
23) Nitrobenzene-d5	7.36	82	665300	82.07	ng		-0.02
42) 2,4,6-Tribromophenol	10.63	330	233599	85.68	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1217090	72.96	ng		0.00
79) Terphenyl-d14	12.91	244	1490157	74.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	142902	39.637	ng		99
3) Pyridine	3.19	79	386581	40.309	ng		99
4) n-Nitrosodimethylamine	3.14	42	152015	37.068	ng		94
6) Aniline	6.46	93	470694	35.635	ng		99
8) 2-Chlorophenol	6.58	128	342658	39.707	ng		99
9) Benzaldehyde	6.34	77	203531	42.094	ng		99
10) Phenol	6.45	94	424072	38.098	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	335165	39.289	ng		97
12) 1,3-Dichlorobenzene	6.73	146	369176	39.452	ng		99
13) 1,4-Dichlorobenzene	6.81	146	371215	39.895	ng		100
14) 1,2-Dichlorobenzene	6.96	146	349827	39.741	ng		99
15) Benzyl Alcohol	6.94	79	270366	37.782	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	485119	39.454	ng		97
17) 2-Methylphenol	7.06	107	295364	38.616	ng		99
18) Hexachloroethane	7.30	117	136500	40.531	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	213842	37.164	ng		96
20) 3+4-Methylphenols	7.21	107	347994	35.766	ng		97
22) Acetophenone	7.20	105	421441	40.033	ng	#	98
24) Nitrobenzene	7.38	77	356341	40.784	ng		99
25) Isophorone	7.62	82	644549	39.839	ng		96
26) 2-Nitrophenol	7.69	139	185595	44.725	ng		97
27) 2,4-Dimethylphenol	7.73	122	266747	39.592	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	401859	40.690	ng		100
29) 2,4-Dichlorophenol	7.94	162	286788	41.656	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	311371	40.765	ng		99
31) Naphthalene	8.10	128	961823	39.974	ng		100
32) Benzoic acid	7.87	122	219244	43.350	ng		99
33) 4-Chloroaniline	8.15	127	416598	38.813	ng		99
34) Hexachlorobutadiene	8.22	225	186522	41.423	ng		100
35) Caprolactam	8.53	113	93508m	42.354	ng		
36) 4-Chloro-3-methylphenol	8.64	107	298130	42.223	ng		100
37) 2-Methylnaphthalene	8.79	142	638736	40.884	ng		99
38) 1-Methylnaphthalene	8.89	142	602598	40.725	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	299696	41.297	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	135369	33.751	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	202692	39.669	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	234652	40.485	ng		99
46) 1,1'-Biphenyl	9.26	154	765332	40.281	ng		99
47) 2-Chloronaphthalene	9.28	162	617809	39.883	ng		98
48) 2-Nitroaniline	9.38	65	205541	43.907	ng		97
49) Acenaphthylene	9.70	152	965463	40.119	ng		99
50) Dimethylphthalate	9.56	163	750830	41.784	ng		99
51) 2,6-Dinitrotoluene	9.62	165	168129	43.551	ng		98
52) Acenaphthene	9.87	154	570393	37.281	ng		99
53) 3-Nitroaniline	9.79	138	197361	40.762	ng		95
54) 2,4-Dinitrophenol	9.90	184	87631	42.900	ng		95
55) Dibenzofuran	10.04	168	878796	39.720	ng		98
56) 4-Nitrophenol	9.97	139	137181	37.298	ng		99
57) 2,4-Dinitrotoluene	10.03	165	219788	43.353	ng	#	86
58) Fluorene	10.39	166	666980	40.420	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	173719	39.366	ng		99
60) Diethylphthalate	10.26	149	745127	40.996	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	341948	38.852	ng		98
62) 4-Nitroaniline	10.41	138	204830	43.429	ng		98
63) Azobenzene	10.53	77	694396	40.131	ng		99
65) 4,6-Dinitro-2-methylphenol	10.44	198	120917	42.481	ng		99
66) n-Nitrosodiphenylamine	10.50	169	621519	39.718	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	230000	41.472	ng		94
68) Hexachlorobenzene	10.93	284	246834	41.144	ng	#	92
69) Atrazine	11.03	200	158825	40.983	ng		97
70) Pentachlorophenol	11.13	266	152371	44.334	ng		99
71) Phenanthrene	11.35	178	1017128	39.758	ng		100
72) Anthracene	11.40	178	1048154	40.802	ng		99
73) Carbazole	11.56	167	1039376	40.770	ng		99
74) Di-n-butylphthalate	11.89	149	1222591	41.556	ng		99
75) Fluoranthene	12.53	202	1184577	41.774	ng		97
77) Benzidine	12.66	184	437144	38.219	ng		98
78) Pyrene	12.76	202	1226099	39.863	ng		99
80) Butylbenzylphthalate	13.38	149	566711	41.332	ng		94
81) Benzo(a)anthracene	13.96	228	1102910	41.866	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	428736	43.138	ng		100
83) Chrysene	13.99	228	1083907	39.152	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	733180	43.364	ng		99
85) Di-n-octyl phthalate	14.55	149	1313524	39.049	ng		99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1208894	36.996	ng		99
88) Benzo(b)fluoranthene	15.00	252	1211812	42.669	ng		100
89) Benzo(k)fluoranthene	15.03	252	1060572	40.947	ng		99
90) Benzo(a)pyrene	15.36	252	1074191	41.456	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	990584	37.112	ng		99
92) Benzo(g,h,i)perylene	17.29	276	971584	36.918	ng		99

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

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