Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040221\
Data File : BF123547.D
Acq On : 1 Apr 2021 18:20
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 01 18:48:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 18:46:00 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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4/2/2021 12:10:31 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	148064	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	553226	20.00	ng	#	0.00
39) Acenaphthene-d10	9.933	164	312765	20.00	ng		0.00
64) Phenanthrene-d10	11.421	188	559422	20.00	ng	#	0.00
76) Chrysene-d12	14.068	240	360658	20.00	ng	#	0.00
86) Perylene-d12	15.551	264	270183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	653774	77.06	ng		0.00
7) Phenol-d6	6.516	99	876215	74.56	ng		0.00
23) Nitrobenzene-d5	7.451	82	874542	81.43	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	349926	84.91	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1813783	83.17	ng		0.00
79) Terphenyl-d14	13.010	244	1989326	84.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	133113	36.64	ng	#	62
3) Pyridine	3.428	79	334976	37.56	ng	#	51
4) n-Nitrosodimethylamine	3.387	42	246982	38.83	ng	#	49
6) Aniline	6.551	93	500807	38.06	ng	#	93
8) 2-Chlorophenol	6.675	128	373349	37.84	ng		95
9) Benzaldehyde	6.434	77	247409	36.20	ng		95
10) Phenol	6.528	94	464773	37.91	ng		86
11) bis(2-Chloroethyl)ether	6.622	93	338533	37.67	ng		84
12) 1,3-Dichlorobenzene	6.828	146	430398	39.43	ng		96
13) 1,4-Dichlorobenzene	6.904	146	435733	39.03	ng		99
14) 1,2-Dichlorobenzene	7.057	146	420135	39.84	ng		99
15) Benzyl Alcohol	7.028	79	367931	41.99	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	728654	39.94	ng		89
17) 2-Methylphenol	7.139	107	302913	40.88	ng		92
18) Hexachloroethane	7.398	117	163418	40.44	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	305210	40.99	ng	#	76
20) 3+4-Methylphenols	7.292	107	388637	40.17	ng		97
22) Acetophenone	7.298	105	557581	40.44	ng	#	86
24) Nitrobenzene	7.469	77	440796	40.30	ng	#	90
25) Isophorone	7.710	82	788003	40.50	ng		98
26) 2-Nitrophenol	7.786	139	209825	42.27	ng		93
27) 2,4-Dimethylphenol	7.822	122	301278	40.55	ng		95
28) bis(2-Chloroethoxy)met...	7.916	93	415353	40.96	ng		100
29) 2,4-Dichlorophenol	8.028	162	346669	41.37	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	362915	40.22	ng		94
31) Naphthalene	8.192	128	1097594	39.57	ng		100
32) Benzoic acid	7.957	122	203469	39.94	ng		88
33) 4-Chloroaniline	8.239	127	445205	40.24	ng	#	93
34) Hexachlorobutadiene	8.310	225	251632	41.72	ng		98
35) Caprolactam	8.628	113	94823m	37.69	ng		
36) 4-Chloro-3-methylphenol	8.722	107	365995	39.81	ng		95
37) 2-Methylnaphthalene	8.886	142	800056	39.16	ng		98
38) 1-Methylnaphthalene	8.986	142	737276	37.91	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	383675	42.01	ng		99
41) Hexachlorocyclopentadiene	9.039	237	217367	45.16	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	264619	41.07	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	285129	41.22	ng		99
46) 1,1'-Biphenyl	9.351	154	963157	40.40	ng		97
47) 2-Chloronaphthalene	9.375	162	748987	39.99	ng		99
48) 2-Nitroaniline	9.469	65	249931	39.94	ng	#	77
49) Acenaphthylene	9.792	152	1154654	39.91	ng		99
50) Dimethylphthalate	9.657	163	876656	40.19	ng		100
51) 2,6-Dinitrotoluene	9.716	165	202490	41.62	ng	#	87
52) Acenaphthene	9.969	154	794373	41.33	ng		99
53) 3-Nitroaniline	9.886	138	201131	39.66	ng		98
54) 2,4-Dinitrophenol	9.986	184	113104	47.51	ng		90
55) Dibenzofuran	10.139	168	1056168	39.92	ng		95
56) 4-Nitrophenol	10.039	139	157161	39.66	ng	#	65
57) 2,4-Dinitrotoluene	10.116	165	263434	40.40	ng	#	86
58) Fluorene	10.480	166	857582	40.23	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	230929m	40.95	ng		
60) Diethylphthalate	10.351	149	930980	40.83	ng		97
61) 4-Chlorophenyl-phenyle...	10.475	204	425918	41.67	ng		97
62) 4-Nitroaniline	10.504	138	195797	38.95	ng		88
63) Azobenzene	10.633	77	874777	40.09	ng		91
65) 4,6-Dinitro-2-methylph...	10.527	198	153137	44.86	ng	#	79
66) n-Nitrosodiphenylamine	10.592	169	784145	41.07	ng		95
67) 4-Bromophenyl-phenylether	10.963	248	282525	42.90	ng		99
68) Hexachlorobenzene	11.033	284	307067	41.37	ng		92
69) Atrazine	11.122	200	254672	40.69	ng		97
70) Pentachlorophenol	11.222	266	185302	44.31	ng		99
71) Phenanthrene	11.445	178	1225324	40.10	ng		98
72) Anthracene	11.498	178	1210878	39.52	ng		99
73) Carbazole	11.651	167	1095907	38.99	ng		100
74) Di-n-butylphthalate	11.980	149	1461922	41.57	ng		100
75) Fluoranthene	12.633	202	1252760	36.57	ng		97
77) Benzidine	12.751	184	444648	35.58	ng		99
78) Pyrene	12.868	202	1250406	40.94	ng		99
80) Butylbenzylphthalate	13.486	149	561585	42.73	ng		92
81) Benzo(a)anthracene	14.057	228	962677	39.78	ng		98
82) 3,3'-Dichlorobenzidine	14.015	252	287511	39.26	ng		98
83) Chrysene	14.092	228	927628	39.46	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	782057	44.87	ng		100
85) Di-n-octyl phthalate	14.662	149	1110220	42.96	ng	#	91
87) Indeno(1,2,3-cd)pyrene	17.051	276	651697	42.07	ng	#	94
88) Benzo(b)fluoranthene	15.115	252	758342	41.06	ng	#	96
89) Benzo(k)fluoranthene	15.151	252	695843	39.97	ng	#	96
90) Benzo(a)pyrene	15.492	252	628273	40.78	ng	#	97
91) Dibenzo(a,h)anthracene	17.074	278	549256	41.96	ng	#	96
92) Benzo(g,h,i)perylene	17.509	276	528479	41.90	ng	#	95

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

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