Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012221\
Data File : BF123030.D
Acq On : 22 Jan 2021 11:30
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
1/25/2021 11:28:45 AM

Quant Time: Jan 22 12:52:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 12:50:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	448606	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1720647	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	904086	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	1647871	20.00	ng		# 0.00
76) Chrysene-d12	14.080	240	1305810	20.00	ng		# 0.00
86) Perylene-d12	15.574	264	1239802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1198865	40.40	ng		0.00
7) Phenol-d6	6.510	99	1605280	40.25	ng		0.00
23) Nitrobenzene-d5	7.451	82	1302245	38.95	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	362089	35.42	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2487516	38.53	ng		0.00
79) Terphenyl-d14	13.021	244	2700597	37.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	284624	19.75	ng		98
3) Pyridine	3.422	79	767533	19.67	ng		98
4) n-Nitrosodimethylamine	3.363	42	309088	17.75	ng		97
6) Aniline	6.551	93	974859	20.26	ng		99
8) 2-Chlorophenol	6.675	128	658093	21.00	ng		97
9) Benzaldehyde	6.439	77	359518	15.38	ng		99
10) Phenol	6.522	94	796081	19.87	ng		85
11) bis(2-Chloroethyl)ether	6.622	93	643987	19.86	ng		97
12) 1,3-Dichlorobenzene	6.834	146	750197	20.68	ng		99
13) 1,4-Dichlorobenzene	6.910	146	750349	20.54	ng		98
14) 1,2-Dichlorobenzene	7.063	146	713018	20.93	ng		98
15) Benzyl Alcohol	7.028	79	567079	20.17	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	973396	17.22	ng		96
17) 2-Methylphenol	7.134	107	541473	20.37	ng		98
18) Hexachloroethane	7.410	117	273164	20.69	ng		95
19) n-Nitroso-di-n-propyla...	7.298	70	472137	19.98	ng		96
20) 3+4-Methylphenols	7.286	107	698323	21.00	ng	#	73
22) Acetophenone	7.298	105	905110	20.92	ng		95
24) Nitrobenzene	7.469	77	669690	19.54	ng		96
25) Isophorone	7.710	82	1199586	20.11	ng		99
26) 2-Nitrophenol	7.786	139	255957	16.53	ng		98
27) 2,4-Dimethylphenol	7.822	122	537323m	21.80	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	831123	20.61	ng		99
29) 2,4-Dichlorophenol	8.028	162	523772	20.35	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	604781	22.06	ng		98
31) Naphthalene	8.198	128	1944761	21.98	ng		99
32) Benzoic acid	7.910	122	257205	12.42	ng		97
33) 4-Chloroaniline	8.245	127	833106	21.59	ng		99
34) Hexachlorobutadiene	8.322	225	333828	22.28	ng		99
35) Caprolactam	8.592	113	180413m	20.62	ng		
36) 4-Chloro-3-methylphenol	8.716	107	565251	20.65	ng		99
37) 2-Methylnaphthalene	8.892	142	1285186	21.06	ng		98
38) 1-Methylnaphthalene	8.992	142	1234523	21.42	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	520768	20.98	ng		98
41) Hexachlorocyclopentadiene	9.051	237	264206	21.91	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	364901	19.72	ng		99

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44) 2,4,5-Trichlorophenol	9.204	196	376914	20.08	ng		98
46) 1,1'-Biphenyl	9.357	154	1529430	20.80	ng		99
47) 2-Chloronaphthalene	9.380	162	1216560	19.83	ng		99
48) 2-Nitroaniline	9.469	65	347618	16.62	ng		88
49) Acenaphthylene	9.798	152	1880994	21.02	ng		100
50) Dimethylphthalate	9.651	163	1394311	19.87	ng		98
51) 2,6-Dinitrotoluene	9.710	165	287177	18.71	ng	#	78
52) Acenaphthene	9.969	154	1180542	20.41	ng		99
53) 3-Nitroaniline	9.880	138	353757	18.65	ng		91
54) 2,4-Dinitrophenol	9.986	184	79277	13.62	ng		89
55) Dibenzofuran	10.145	168	1651123	20.48	ng		99
56) 4-Nitrophenol	10.027	139	257789	18.43	ng		92
57) 2,4-Dinitrotoluene	10.116	165	360700	18.27	ng		97
58) Fluorene	10.486	166	1258588	19.95	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	300402	20.05	ng	#	87
60) Diethylphthalate	10.357	149	1419539	20.81	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	615713	21.71	ng		98
62) 4-Nitroaniline	10.492	138	353087	18.87	ng		97
63) Azobenzene	10.639	77	1379706	20.22	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	119309	12.86	ng		80
66) n-Nitrosodiphenylamine	10.592	169	1136577	18.48	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	373753	18.55	ng		98
68) Hexachlorobenzene	11.039	284	425746	18.48	ng		95
69) Atrazine	11.121	200	325730	19.89	ng		97
70) Pentachlorophenol	11.227	266	211640	17.47	ng		97
71) Phenanthrene	11.451	178	1934756	19.59	ng		99
72) Anthracene	11.504	178	1948673	19.97	ng		100
73) Carbazole	11.657	167	1769337	18.70	ng		99
74) Di-n-butylphthalate	11.992	149	2216672	19.80	ng		99
75) Fluoranthene	12.645	202	1955408	19.57	ng		97
77) Benzidine	12.763	184	770893	22.29	ng		99
78) Pyrene	12.874	202	2018032	19.30	ng		100
80) Butylbenzylphthalate	13.498	149	897935	19.16	ng		95
81) Benzo(a)anthracene	14.068	228	1732717	19.83	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	574199	20.07	ng	#	98
83) Chrysene	14.110	228	1705847	19.35	ng		99
84) Bis(2-ethylhexyl)phtha...	14.062	149	1254299	20.08	ng		100
85) Di-n-octyl phthalate	14.680	149	2100340	20.79	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1683258	21.55	ng	#	92
88) Benzo(b)fluoranthene	15.133	252	1713090	20.47	ng	#	97
89) Benzo(k)fluoranthene	15.162	252	1588064	18.51	ng	#	97
90) Benzo(a)pyrene	15.509	252	1533906	20.29	ng	#	97
91) Dibenzo(a,h)anthracene	17.098	278	1422115	22.22	ng	#	94
92) Benzo(g,h,i)perylene	17.527	276	1342976	21.68	ng	#	91

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

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