Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012221\
Data File : BF123032.D
Acq On : 22 Jan 2021 12:34
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
1/25/2021 11:28:50 AM

Quant Time: Jan 22 13:25:11 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	468705	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1759814	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	919996	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	1639623	20.00	ng		0.00
76) Chrysene-d12	14.086	240	1217733	20.00	ng		# 0.00
86) Perylene-d12	15.574	264	1105653	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	2873037	92.66	ng		0.00
7) Phenol-d6	6.522	99	3899550	93.57	ng		0.00
23) Nitrobenzene-d5	7.463	82	3304669	96.63	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	959258	92.20	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	5309491	80.81	ng		0.00
79) Terphenyl-d14	13.027	244	5828113	87.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	736236	48.89	ng		97
3) Pyridine	3.428	79	1939824	47.59	ng		96
4) n-Nitrosodimethylamine	3.387	42	811302	44.59	ng		98
6) Aniline	6.551	93	2565313	51.03	ng		99
8) 2-Chlorophenol	6.681	128	1612043	49.23	ng		97
9) Benzaldehyde	6.439	77	804560	32.95	ng		98
10) Phenol	6.534	94	1923274m	45.95	ng		
11) bis(2-Chloroethyl)ether	6.634	93	1603341	47.32	ng		97
12) 1,3-Dichlorobenzene	6.839	146	1804765	47.62	ng		98
13) 1,4-Dichlorobenzene	6.916	146	1806844	47.35	ng		99
14) 1,2-Dichlorobenzene	7.069	146	1671583	46.96	ng		97
15) Benzyl Alcohol	7.034	79	1445933	49.22	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	2416377	40.91	ng		98
17) 2-Methylphenol	7.139	107	1378787	49.64	ng		98
18) Hexachloroethane	7.410	117	692400	50.20	ng		92
19) n-Nitroso-di-n-propyla...	7.316	70	1184926	48.00	ng		99
20) 3+4-Methylphenols	7.298	107	1647648	47.42	ng	#	83
22) Acetophenone	7.310	105	2148479	48.54	ng		93
24) Nitrobenzene	7.481	77	1706596	48.69	ng		99
25) Isophorone	7.722	82	3065063	50.23	ng		97
26) 2-Nitrophenol	7.792	139	792701	50.06	ng		98
27) 2,4-Dimethylphenol	7.828	122	1351957	53.62	ng		97
28) bis(2-Chloroethoxy)met...	7.928	93	2062615	50.00	ng		97
29) 2,4-Dichlorophenol	8.033	162	1358111	51.59	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	1501274	53.54	ng		98
31) Naphthalene	8.204	128	4451712	49.20	ng		95
32) Benzoic acid	7.957	122	1014178	47.88	ng		96
33) 4-Chloroaniline	8.251	127	2089809	52.95	ng		99
34) Hexachlorobutadiene	8.322	225	837738	54.66	ng		99
35) Caprolactam	8.633	113	478048	53.43	ng		99
36) 4-Chloro-3-methylphenol	8.728	107	1441901	51.50	ng		98
37) 2-Methylnaphthalene	8.898	142	3006451	48.17	ng		97
38) 1-Methylnaphthalene	8.998	142	2854145	48.42	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	1254275	49.66	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	649639	52.95	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	959725	50.98	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	975952	51.09	ng		98
46) 1,1'-Biphenyl	9.363	154	3459327	46.24	ng		96
47) 2-Chloronaphthalene	9.386	162	2890132	46.30	ng		95
48) 2-Nitroaniline	9.480	65	957167	44.98	ng		92
49) Acenaphthylene	9.804	152	4292846	47.14	ng		96
50) Dimethylphthalate	9.669	163	3363270	47.10	ng		98
51) 2,6-Dinitrotoluene	9.722	165	762554	48.82	ng	#	81
52) Acenaphthene	9.980	154	2784300	47.30	ng		98
53) 3-Nitroaniline	9.892	138	955309	49.48	ng		95
54) 2,4-Dinitrophenol	9.992	184	303969	51.31	ng		93
55) Dibenzofuran	10.151	168	3737879	45.55	ng		93
56) 4-Nitrophenol	10.045	139	709915	49.89	ng		98
57) 2,4-Dinitrotoluene	10.127	165	988378	49.20	ng		97
58) Fluorene	10.492	166	2815086	43.86	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	784058m	51.43	ng		
60) Diethylphthalate	10.369	149	3360173	48.42	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	1409348	48.83	ng		98
62) 4-Nitroaniline	10.510	138	958238	50.32	ng		96
63) Azobenzene	10.645	77	3255915	46.89	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	418160	45.28	ng		97
66) n-Nitrosodiphenylamine	10.604	169	2669362	43.61	ng		98
67) 4-Bromophenyl-phenylether	10.974	248	927362	46.26	ng		94
68) Hexachlorobenzene	11.045	284	1053052	45.94	ng		96
69) Atrazine	11.133	200	776244	47.63	ng		99
70) Pentachlorophenol	11.233	266	588149	48.78	ng		99
71) Phenanthrene	11.457	178	4257326	43.33	ng		96
72) Anthracene	11.510	178	4244484	43.71	ng		95
73) Carbazole	11.663	167	3974074	42.22	ng		96
74) Di-n-butylphthalate	11.998	149	4859079	43.62	ng		97
75) Fluoranthene	12.651	202	4340157	43.66	ng		94
77) Benzidine	12.768	184	1371408	42.53	ng		99
78) Pyrene	12.886	202	4402735	45.15	ng		96
80) Butylbenzylphthalate	13.504	149	2214352	50.67	ng		96
81) Benzo(a)anthracene	14.080	228	3848197	47.22	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	1311788	49.17	ng	#	97
83) Chrysene	14.115	228	3817662	46.45	ng		96
84) Bis(2-ethylhexyl)phtha...	14.068	149	2812536	48.27	ng		97
85) Di-n-octyl phthalate	14.686	149	4826430	51.22	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	3529438	50.67	ng	#	91
88) Benzo(b)fluoranthene	15.145	252	3884771	52.06	ng	#	97
89) Benzo(k)fluoranthene	15.174	252	3576758	46.75	ng	#	95
90) Benzo(a)pyrene	15.515	252	3442814	51.07	ng	#	94
91) Dibenzo(a,h)anthracene	17.109	278	2925827	51.27	ng	#	94
92) Benzo(g,h,i)perylene	17.545	276	2727131	49.37	ng	#	91

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

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