Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012221\
Data File : BF123031.D
Acq On : 22 Jan 2021 12:02
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
1/25/2021 11:28:47 AM

Quant Time: Jan 22 12:53:26 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	428682	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1598962	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	827626	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	1499295	20.00	ng		# 0.00
76) Chrysene-d12	14.086	240	1166509	20.00	ng		# 0.00
86) Perylene-d12	15.574	264	1079236	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	2226221	78.50	ng		0.00
7) Phenol-d6	6.516	99	3012353	79.03	ng		0.00
23) Nitrobenzene-d5	7.457	82	2518300	81.05	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	713767	76.26	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	4241892	71.77	ng		0.00
79) Terphenyl-d14	13.027	244	4661393	73.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	569069	41.32	ng		97
3) Pyridine	3.428	79	1491382	40.01	ng		98
4) n-Nitrosodimethylamine	3.381	42	617865	37.13	ng		98
6) Aniline	6.551	93	1921515	41.79	ng		99
8) 2-Chlorophenol	6.681	128	1239884	41.40	ng		98
9) Benzaldehyde	6.440	77	637707	28.56	ng		98
10) Phenol	6.528	94	1513895	39.55	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	1230821	39.71	ng		97
12) 1,3-Dichlorobenzene	6.834	146	1408767	40.64	ng		97
13) 1,4-Dichlorobenzene	6.910	146	1402558	40.19	ng		98
14) 1,2-Dichlorobenzene	7.069	146	1318176	40.49	ng		99
15) Benzyl Alcohol	7.034	79	1097566	40.85	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1829282	33.86	ng		97
17) 2-Methylphenol	7.139	107	1048832	41.29	ng		96
18) Hexachloroethane	7.410	117	529484	41.97	ng		92
19) n-Nitroso-di-n-propyla...	7.310	70	885273	39.21	ng		98
20) 3+4-Methylphenols	7.292	107	1287028	40.50	ng	#	78
22) Acetophenone	7.304	105	1650864	41.05	ng		95
24) Nitrobenzene	7.475	77	1289356	40.49	ng		97
25) Isophorone	7.716	82	2288795	41.29	ng		99
26) 2-Nitrophenol	7.792	139	560460	38.96	ng		94
27) 2,4-Dimethylphenol	7.828	122	1021974	44.61	ng		97
28) bis(2-Chloroethoxy)met...	7.928	93	1554430	41.47	ng		97
29) 2,4-Dichlorophenol	8.034	162	1018231	42.57	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	1154474	45.31	ng		100
31) Naphthalene	8.204	128	3508530	42.68	ng		97
32) Benzoic acid	7.939	122	670012	34.81	ng		97
33) 4-Chloroaniline	8.245	127	1557312	43.43	ng		97
34) Hexachlorobutadiene	8.322	225	640841	46.02	ng		98
35) Caprolactam	8.622	113	352773	43.40	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	1087594	42.75	ng		98
37) 2-Methylnaphthalene	8.892	142	2356398	41.56	ng		98
38) 1-Methylnaphthalene	8.992	142	2233170	41.70	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	953152	41.95	ng	#	98
41) Hexachlorocyclopentadiene	9.051	237	497968	45.12	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	722266	42.65	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	726995	42.31	ng		96
46) 1,1'-Biphenyl	9.357	154	2694786	40.04	ng		98
47) 2-Chloronaphthalene	9.386	162	2206824	39.30	ng		98
48) 2-Nitroaniline	9.475	65	711220	37.16	ng		90
49) Acenaphthylene	9.804	152	3362363	41.04	ng		98
50) Dimethylphthalate	9.663	163	2554280	39.76	ng		99
51) 2,6-Dinitrotoluene	9.722	165	569448	40.53	ng		98
52) Acenaphthene	9.975	154	2158577	40.76	ng		99
53) 3-Nitroaniline	9.886	138	706599	40.68	ng		93
54) 2,4-Dinitrophenol	9.992	184	201246	37.76	ng	#	90
55) Dibenzofuran	10.145	168	2964493	40.16	ng		94
56) 4-Nitrophenol	10.033	139	523523	40.89	ng		87
57) 2,4-Dinitrotoluene	10.122	165	733727	40.60	ng		97
58) Fluorene	10.492	166	2203867	38.17	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	599412	43.70	ng	#	89
60) Diethylphthalate	10.363	149	2583121	41.37	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	1107006	42.64	ng		95
62) 4-Nitroaniline	10.504	138	708049	41.33	ng		95
63) Azobenzene	10.639	77	2516487	40.28	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	284175	33.65	ng		97
66) n-Nitrosodiphenylamine	10.598	169	2080617	37.17	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	699387	38.15	ng		97
68) Hexachlorobenzene	11.039	284	794427	37.90	ng	#	92
69) Atrazine	11.127	200	591835	39.71	ng		98
70) Pentachlorophenol	11.227	266	432146	39.20	ng		99
71) Phenanthrene	11.457	178	3396461	37.80	ng		97
72) Anthracene	11.510	178	3346087	37.68	ng		98
73) Carbazole	11.657	167	3178853	36.93	ng		98
74) Di-n-butylphthalate	11.992	149	3920563	38.49	ng		98
75) Fluoranthene	12.651	202	3457022	38.03	ng		96
77) Benzidine	12.769	184	1169111	37.85	ng		100
78) Pyrene	12.880	202	3514529	37.63	ng		96
80) Butylbenzylphthalate	13.504	149	1717208	41.02	ng		99
81) Benzo(a)anthracene	14.074	228	3083229	39.49	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	1053525	41.22	ng	#	96
83) Chrysene	14.116	228	3068248	38.97	ng		96
84) Bis(2-ethylhexyl)phtha...	14.068	149	2249048	40.30	ng		98
85) Di-n-octyl phthalate	14.686	149	3857751	42.74	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	2902325	42.69	ng	#	91
88) Benzo(b)fluoranthene	15.139	252	3247470m	44.59	ng		
89) Benzo(k)fluoranthene	15.174	252	2777336	37.19	ng		98
90) Benzo(a)pyrene	15.515	252	2782818	42.29	ng	#	95
91) Dibenzo(a,h)anthracene	17.104	278	2435146	43.71	ng	#	94
92) Benzo(g,h,i)perylene	17.539	276	2241286	41.56	ng	#	92

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

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