Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070721\
Data File : BF124535.D
Acq On : 7 Jul 2021 18:21
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
7/8/2021 12:39:33 PM

Quant Time: Jul 08 04:21:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 04:18:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	6484	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	25425	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	13878	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	25045	20.000	ng		0.00
76) Chrysene-d12	14.092	240	17334	20.000	ng		0.00
86) Perylene-d12	15.586	264	13408	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	7937	19.251	ng		0.00
7) Phenol-d6	6.533	99	9659	17.943	ng		-0.01
23) Nitrobenzene-d5	7.480	82	8075	13.169	ng		-0.01
42) 2,4,6-Tribromophenol	10.751	330	2246	13.546	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	20291	17.911	ng		0.00
79) Terphenyl-d14	13.033	244	20928	18.083	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	1413	7.970	ng	#	100
3) Pyridine	3.563	79	3344	8.602	ng		95
4) n-Nitrosodimethylamine	3.516	42	2576	12.282	ng		98
6) Aniline	6.581	93	5053	8.402	ng		99
8) 2-Chlorophenol	6.704	128	4479	9.775	ng		87
9) Benzaldehyde	6.475	77	2858	11.405	ng		91
10) Phenol	6.545	94	4506	7.741	ng		97
11) bis(2-Chloroethyl)ether	6.651	93	3680	8.742	ng		96
12) 1,3-Dichlorobenzene	6.863	146	5311m	9.543	ng		
13) 1,4-Dichlorobenzene	6.939	146	5018	8.892	ng		97
14) 1,2-Dichlorobenzene	7.092	146	4854	9.134	ng		96
15) Benzyl Alcohol	7.057	79	3407	7.378	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	7.198	45	6140	11.370	ng		94
17) 2-Methylphenol	7.157	107	3375	9.205	ng		92
18) Hexachloroethane	7.439	117	1936	9.417	ng		92
19) n-Nitroso-di-n-propyla...	7.328	70	2885	7.969	ng		95
20) 3+4-Methylphenols	7.310	107	4453	9.304	ng	#	83
22) Acetophenone	7.328	105	6018	8.503	ng		98
24) Nitrobenzene	7.498	77	4076	6.654	ng		98
25) Isophorone	7.739	82	7668	7.273	ng		100
26) 2-Nitrophenol	7.822	139	2094	7.027	ng		97
27) 2,4-Dimethylphenol	7.845	122	3840	9.668	ng		83
28) bis(2-Chloroethoxy)met...	7.951	93	4360	8.159	ng		96
29) 2,4-Dichlorophenol	8.051	162	3626	7.691	ng		95
30) 1,2,4-Trichlorobenzene	8.145	180	4307	8.055	ng		96
31) Naphthalene	8.227	128	14083	9.415	ng		98
32) Benzoic acid	7.916	122	1844	8.960	ng		90
33) 4-Chloroaniline	8.269	127	5193	9.243	ng	#	90
34) Hexachlorobutadiene	8.345	225	2296	6.423	ng		98
35) Caprolactam	8.610	113	875	7.082	ng		94
36) 4-Chloro-3-methylphenol	8.739	107	3685	7.738	ng		97
37) 2-Methylnaphthalene	8.922	142	9589	9.059	ng		95
38) 1-Methylnaphthalene	9.022	142	8992	9.133	ng		90
40) 1,2,4,5-Tetrachloroben...	9.086	216	3785	7.589	ng		99
41) Hexachlorocyclopentadiene	9.074	237	2438	62.998	ng		94
43) 2,4,6-Trichlorophenol	9.192	196	2608	8.333	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	2974	9.005	ng	#	86
46) 1,1'-Biphenyl	9.380	154	11650	9.877	ng		96
47) 2-Chloronaphthalene	9.410	162	8789	9.109	ng		96
48) 2-Nitroaniline	9.498	65	1976	6.226	ng		97
49) Acenaphthylene	9.827	152	13790	9.888	ng		99
50) Dimethylphthalate	9.680	163	10017	9.155	ng	#	97
51) 2,6-Dinitrotoluene	9.739	165	1886	7.462	ng	#	87
52) Acenaphthene	9.998	154	8479	9.575	ng		96
53) 3-Nitroaniline	9.904	138	2156	9.636	ng	#	80
54) 2,4-Dinitrophenol	10.010	184	818	10.785	ng	#	77
55) Dibenzofuran	10.169	168	13262	9.396	ng		98
56) 4-Nitrophenol	10.045	139	1640	13.973	ng		89
57) 2,4-Dinitrotoluene	10.139	165	2368	7.068	ng		97
58) Fluorene	10.510	166	10565	9.742	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.280	232	2097	8.682	ng	#	95
60) Diethylphthalate	10.380	149	10517	9.660	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	4689	8.724	ng		93
62) 4-Nitroaniline	10.516	138	2163	10.048	ng		89
63) Azobenzene	10.663	77	9349	8.626	ng		98
65) 4,6-Dinitro-2-methylph...	10.545	198	1200	6.684	ng		90
66) n-Nitrosodiphenylamine	10.621	169	8633	8.985	ng		95
67) 4-Bromophenyl-phenylether	10.998	248	2840	8.429	ng		92
68) Hexachlorobenzene	11.057	284	2704	7.386	ng	#	94
69) Atrazine	11.145	200	2744	11.070	ng		91
70) Pentachlorophenol	11.245	266	1751	22.908	ng	#	86
71) Phenanthrene	11.474	178	14046	8.897	ng		98
72) Anthracene	11.527	178	13868	8.816	ng		97
73) Carbazole	11.680	167	13189	9.620	ng		97
74) Di-n-butylphthalate	12.010	149	17687	10.834	ng		98
75) Fluoranthene	12.662	202	14292	8.996	ng		98
77) Benzidine	12.786	184	7696	22.154	ng		96
78) Pyrene	12.892	202	14344	9.066	ng		96
80) Butylbenzylphthalate	13.509	149	6942	11.049	ng		98
81) Benzo(a)anthracene	14.080	228	11792	9.436	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	3360	8.391	ng		87
83) Chrysene	14.115	228	11187	9.033	ng		96
84) Bis(2-ethylhexyl)phtha...	14.068	149	9369	11.130	ng	#	95
85) Di-n-octyl phthalate	14.686	149	13293	10.139	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	6951	6.574	ng		96
88) Benzo(b)fluoranthene	15.145	252	9749	9.595	ng		99
89) Benzo(k)fluoranthene	15.174	252	9313	10.019	ng	#	94
90) Benzo(a)pyrene	15.521	252	8004	8.865	ng		99
91) Dibenzo(a,h)anthracene	17.109	278	6074	6.669	ng		96
92) Benzo(g,h,i)perylene	17.545	276	5772	6.440	ng	#	89

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

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