Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080421\
Data File : BF124931.D
Acq On : 4 Aug 2021 11:02
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
8/5/2021 5:06:02 PM

Quant Time: Aug 04 14:24:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 14:23:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	7647	20.000	ng	# 0.00
21) Naphthalene-d8	8.122	136	27218	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	15725	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	27176	20.000	ng	0.00
76) Chrysene-d12	13.998	240	21343	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	19877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	4284	9.485	ng	0.00
7) Phenol-d6	6.457	99	5593	9.878	ng	-0.01
23) Nitrobenzene-d5	7.392	82	5187	11.342	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	1220	9.036	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	10892	10.173	ng	0.00
79) Terphenyl-d14	12.939	244	12214	9.810	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	854	5.409	ng	# 100
3) Pyridine	3.404	79	1442	3.858	ng	# 69
4) n-Nitrosodimethylamine	3.304	42	1050	3.553	ng	92
6) Aniline	6.492	93	2982	5.125	ng	97
8) 2-Chlorophenol	6.616	128	2606	5.116	ng	93
9) Benzaldehyde	6.387	77	1675	5.495	ng	# 81
10) Phenol	6.469	94	2797m	5.159	ng	
11) bis(2-Chloroethyl)ether	6.563	93	2085	4.850	ng	95
12) 1,3-Dichlorobenzene	6.775	146	2787	5.034	ng	94
13) 1,4-Dichlorobenzene	6.851	146	2521	4.552	ng	92
14) 1,2-Dichlorobenzene	7.004	146	2661	4.972	ng	97
15) Benzyl Alcohol	6.975	79	2116	5.683	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.110	45	3592	4.964	ng	93
17) 2-Methylphenol	7.081	107	1759	4.740	ng	# 83
18) Hexachloroethane	7.345	117	975	4.644	ng	# 84
19) n-Nitroso-di-n-propyla...	7.239	70	1705	5.639	ng	# 89
20) 3+4-Methylphenols	7.234	107	2549	5.199	ng	91
22) Acetophenone	7.239	105	3606	5.717	ng	94
24) Nitrobenzene	7.410	77	2627	5.859	ng	# 85
25) Isophorone	7.651	82	4513	5.581	ng	# 92
26) 2-Nitrophenol	7.734	139	1244	5.010	ng	# 86
27) 2,4-Dimethylphenol	7.769	122	1836	4.805	ng	# 72
28) bis(2-Chloroethoxy)met...	7.863	93	2609	5.552	ng	# 91
29) 2,4-Dichlorophenol	7.975	162	2132	5.268	ng	93
30) 1,2,4-Trichlorobenzene	8.057	180	2424	5.465	ng	93
31) Naphthalene	8.139	128	7064	4.973	ng	96
33) 4-Chloroaniline	8.186	127	2523	4.724	ng	# 91
34) Hexachlorobutadiene	8.257	225	1351	5.096	ng	# 90
35) Caprolactam	8.522	113	434	4.126	ng	# 57
36) 4-Chloro-3-methylphenol	8.663	107	2111	5.469	ng	97
37) 2-Methylnaphthalene	8.828	142	4949	5.215	ng	92
38) 1-Methylnaphthalene	8.928	142	4661	5.184	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	2204	5.023	ng	# 94
41) Hexachlorocyclopentadiene	8.986	237	113	0.435	ng	# 26
43) 2,4,6-Trichlorophenol	9.110	196	1398m	4.488	ng	
44) 2,4,5-Trichlorophenol	9.145	196	1134	3.546	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.292	154	5878	5.008	ng		95
47) 2-Chloronaphthalene	9.316	162	4697	5.055	ng		98
48) 2-Nitroaniline	9.416	65	1181	4.854	ng		92
49) Acenaphthylene	9.733	152	7046	4.917	ng		98
50) Dimethylphthalate	9.586	163	5030	4.645	ng	#	93
51) 2,6-Dinitrotoluene	9.651	165	1043	4.360	ng	#	85
52) Acenaphthene	9.904	154	4183	4.403	ng		96
53) 3-Nitroaniline	9.822	138	1246	4.951	ng	#	88
55) Dibenzofuran	10.075	168	6816	5.021	ng		99
56) 4-Nitrophenol	9.980	139	604	3.039	ng		97
57) 2,4-Dinitrotoluene	10.057	165	1493	4.599	ng	#	88
58) Fluorene	10.422	166	5218	5.011	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	858	3.397	ng	#	72
60) Diethylphthalate	10.286	149	5395	4.792	ng		97
61) 4-Chlorophenyl-phenyle...	10.410	204	2421	4.809	ng		93
62) 4-Nitroaniline	10.428	138	1075	4.317	ng		84
63) Azobenzene	10.569	77	5115	5.135	ng		98
66) n-Nitrosodiphenylamine	10.528	169	4317	4.902	ng		91
67) 4-Bromophenyl-phenylether	10.904	248	1347	4.674	ng		89
68) Hexachlorobenzene	10.969	284	1604	5.359	ng	#	76
69) Atrazine	11.051	200	1244	4.646	ng		91
71) Phenanthrene	11.380	178	7292m	4.989	ng		
72) Anthracene	11.433	178	7374	5.046	ng		97
73) Carbazole	11.586	167	6804	4.968	ng		99
74) Di-n-butylphthalate	11.916	149	8813	4.831	ng		97
75) Fluoranthene	12.569	202	7743	5.191	ng		97
78) Pyrene	12.798	202	7819	4.628	ng		99
80) Butylbenzylphthalate	13.416	149	3392	4.191	ng	#	83
81) Benzo(a)anthracene	13.986	228	7160	5.132	ng		98
82) 3,3'-Dichlorobenzidine	13.945	252	1877	4.848	ng	#	95
83) Chrysene	14.021	228	6809	5.066	ng		95
84) Bis(2-ethylhexyl)phtha...	13.974	149	4679	3.925	ng	#	95
85) Di-n-octyl phthalate	14.580	149	7903	4.086	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.909	276	5394	4.700	ng	#	89
88) Benzo(b)fluoranthene	15.027	252	6678	4.772	ng		96
89) Benzo(k)fluoranthene	15.057	252	5659	4.425	ng		96
90) Benzo(a)pyrene	15.392	252	5555	4.752	ng		97
91) Dibenzo(a,h)anthracene	16.927	278	4702	4.680	ng		96
92) Benzo(g,h,i)perylene	17.351	276	4679	4.912	ng	#	80

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

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