Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051421\
Data File : BF123931.D
Acq On : 14 May 2021 18:18
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
5/17/2021 11:20:27 AM

Quant Time: May 14 18:37:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 17:05:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	33231	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	103435	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	52287	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	83577	20.00	ng		0.00
76) Chrysene-d12	14.074	240	69657	20.00	ng		0.00
86) Perylene-d12	15.557	264	71797	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	377098	135.87	ng		0.00
7) Phenol-d6	6.534	99	469869	127.74	ng		0.01
23) Nitrobenzene-d5	7.475	82	442546	190.59	ng		0.01
42) 2,4,6-Tribromophenol	10.733	330	108743	301.90	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	727612	219.19	ng		0.00
79) Terphenyl-d14	13.016	244	704320	182.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	84808	53.63	ng		98
3) Pyridine	3.440	79	219410	59.97	ng		96
4) n-Nitrosodimethylamine	3.410	42	141318	94.23	ng		88
6) Aniline	6.569	93	271363	65.53	ng		97
8) 2-Chlorophenol	6.692	128	193676	70.20	ng		99
9) Benzaldehyde	6.451	77	93049	55.09	ng		93
10) Phenol	6.545	94	245340	63.83	ng		97
11) bis(2-Chloroethyl)ether	6.645	93	187521	64.77	ng		94
12) 1,3-Dichlorobenzene	6.851	146	228849m	84.35	ng		
13) 1,4-Dichlorobenzene	6.922	146	233482	85.53	ng		96
14) 1,2-Dichlorobenzene	7.081	146	208800	81.96	ng		98
15) Benzyl Alcohol	7.045	79	204190	89.02	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.181	45	367103	76.20	ng		99
17) 2-Methylphenol	7.145	107	153770	65.55	ng		93
18) Hexachloroethane	7.422	117	86823	76.32	ng		91
19) n-Nitroso-di-n-propyla...	7.328	70	150902	70.82	ng		97
20) 3+4-Methylphenols	7.304	107	202305	69.74	ng	#	81
22) Acetophenone	7.316	105	257733	89.58	ng		99
24) Nitrobenzene	7.492	77	225499	93.11	ng		99
25) Isophorone	7.734	82	381813	85.91	ng		96
26) 2-Nitrophenol	7.804	139	92907	88.33	ng		97
27) 2,4-Dimethylphenol	7.834	122	154083	89.17	ng		93
28) bis(2-Chloroethoxy)met...	7.939	93	200238	79.33	ng		96
29) 2,4-Dichlorophenol	8.039	162	154867	99.54	ng		96
30) 1,2,4-Trichlorobenzene	8.128	180	176096	114.72	ng		98
31) Naphthalene	8.210	128	530802	89.96	ng		99
32) Benzoic acid	7.951	122	93223	110.94	ng		97
33) 4-Chloroaniline	8.257	127	193288	83.46	ng		98
34) Hexachlorobutadiene	8.334	225	118965	152.58	ng		98
35) Caprolactam	8.633	113	38311m	70.97	ng		
36) 4-Chloro-3-methylphenol	8.728	107	161047	87.41	ng		93
37) 2-Methylnaphthalene	8.904	142	351729	100.17	ng		98
38) 1-Methylnaphthalene	9.004	142	329525	98.49	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	164040	125.75	ng		98
41) Hexachlorocyclopentadiene	9.057	237	115537	374.43	ng		96
43) 2,4,6-Trichlorophenol	9.175	196	107548	119.66	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	112087	117.33	ng		93
46) 1,1'-Biphenyl	9.369	154	398061	87.94	ng		99
47) 2-Chloronaphthalene	9.392	162	317371	96.66	ng		98
48) 2-Nitroaniline	9.480	65	113693	92.37	ng		93
49) Acenaphthylene	9.810	152	457104	92.45	ng		97
50) Dimethylphthalate	9.669	163	344393	95.00	ng		99
51) 2,6-Dinitrotoluene	9.728	165	77454	93.36	ng	#	76
52) Acenaphthene	9.980	154	317241	96.94	ng		97
53) 3-Nitroaniline	9.892	138	75065	70.53	ng		99
54) 2,4-Dinitrophenol	9.992	184	37554	113.21	ng	#	91
55) Dibenzofuran	10.151	168	444960	97.21	ng		98
56) 4-Nitrophenol	10.039	139	60188	97.32	ng		93
57) 2,4-Dinitrotoluene	10.128	165	92253	84.73	ng	#	98
58) Fluorene	10.492	166	330086	97.17	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	89270	125.40	ng	#	94
60) Diethylphthalate	10.363	149	328835	91.78	ng		97
61) 4-Chlorophenyl-phenyle...	10.486	204	162925	111.85	ng		97
62) 4-Nitroaniline	10.510	138	71448	70.42	ng		93
63) Azobenzene	10.645	77	370824	81.23	ng		94
66) n-Nitrosodiphenylamine	10.604	169	277194	92.68	ng		95
67) 4-Bromophenyl-phenylether	10.975	248	96590	114.79	ng		97
68) Hexachlorobenzene	11.039	284	108232	135.91	ng		94
69) Atrazine	11.127	200	75256	84.43	ng		94
70) Pentachlorophenol	11.227	266	68107	203.35	ng		95
71) Phenanthrene	11.457	178	451448	88.92	ng		99
72) Anthracene	11.510	178	460734	90.80	ng		99
73) Carbazole	11.657	167	398720	84.84	ng		96
74) Di-n-butylphthalate	11.992	149	494441	87.97	ng		99
75) Fluoranthene	12.645	202	470059	102.86	ng		99
77) Benzidine	12.757	184	149469m	69.60	ng		
78) Pyrene	12.874	202	476209	73.10	ng		97
80) Butylbenzylphthalate	13.492	149	206044	68.62	ng		98
81) Benzo(a)anthracene	14.063	228	424587	91.31	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	140263	97.08	ng		97
83) Chrysene	14.098	228	409306	84.66	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	292091	74.10	ng		95
85) Di-n-octyl phthalate	14.668	149	488095	72.25	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	555342	117.34	ng	#	95
88) Benzo(b)fluoranthene	15.127	252	454704	85.42	ng		97
89) Benzo(k)fluoranthene	15.157	252	420379	86.61	ng		99
90) Benzo(a)pyrene	15.504	252	420661	91.00	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	463789	115.98	ng		96
92) Benzo(g,h,i)perylene	17.539	276	466462	113.64	ng		96

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

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