Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123882.D
Acq On : 10 May 2021 12:29
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
5/11/2021 4:15:56 PM

Quant Time: May 10 14:58:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 14:57:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	87812	20.00	ng		0.00
21) Naphthalene-d8	8.051	136	337159	20.00	ng		0.00
39) Acenaphthene-d10	9.810	164	168487	20.00	ng		0.00
64) Phenanthrene-d10	11.292	188	332571	20.00	ng		# 0.00
76) Chrysene-d12	13.933	240	288932	20.00	ng		# 0.00
86) Perylene-d12	15.368	264	252958	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.392	112	68385	12.34	ng		0.00
7) Phenol-d6	6.410	99	93833	12.29	ng		0.00
23) Nitrobenzene-d5	7.328	82	92417	12.37	ng		-0.01
42) 2,4,6-Tribromophenol	10.592	330	27150	12.94	ng		0.00
45) 2-Fluorobiphenyl	9.128	172	157697	13.63	ng		0.00
79) Terphenyl-d14	12.874	244	182887	12.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.457	88	20564	6.89	ng		93
3) Pyridine	3.210	79	34940	4.79	ng	#	93
4) n-Nitrosodimethylamine	3.122	42	29105	7.24	ng	#	69
6) Aniline	6.428	93	51475	5.83	ng	#	59
8) 2-Chlorophenol	6.557	128	36688	6.15	ng		98
10) Phenol	6.422	94	50714	6.18	ng	#	72
11) bis(2-Chloroethyl)ether	6.498	93	32274	5.39	ng		91
12) 1,3-Dichlorobenzene	6.710	146	40440	6.71	ng		96
13) 1,4-Dichlorobenzene	6.787	146	37437	6.14	ng		96
14) 1,2-Dichlorobenzene	6.939	146	37037	6.26	ng		97
15) Benzyl Alcohol	6.910	79	35624m	5.95	ng		
16) 2,2'-oxybis(1-Chloropr...	7.045	45	77856	6.11	ng		98
17) 2-Methylphenol	7.028	107	30211	5.95	ng	#	89
18) Hexachloroethane	7.281	117	16400	6.80	ng		88
19) n-Nitroso-di-n-propyla...	7.175	70	28457	6.04	ng	#	78
20) 3+4-Methylphenols	7.186	107	40154	6.21	ng	#	80
22) Acetophenone	7.175	105	58971	6.43	ng	#	97
24) Nitrobenzene	7.351	77	47709	6.13	ng		93
25) Isophorone	7.586	82	79556	5.68	ng		96
26) 2-Nitrophenol	7.669	139	16732	5.27	ng	#	78
27) 2,4-Dimethylphenol	7.710	122	30740	6.16	ng		94
28) bis(2-Chloroethoxy)met...	7.804	93	37876	5.31	ng		98
29) 2,4-Dichlorophenol	7.916	162	27138	5.52	ng		97
30) 1,2,4-Trichlorobenzene	7.992	180	30744	5.97	ng	#	90
31) Naphthalene	8.075	128	106688	6.14	ng		96
32) Benzoic acid	7.792	122	12645	4.03	ng		91
33) 4-Chloroaniline	8.122	127	42202	5.83	ng		98
34) Hexachlorobutadiene	8.192	225	21166	6.74	ng		94
35) Caprolactam	8.457	113	8795	5.10	ng	#	92
36) 4-Chloro-3-methylphenol	8.610	107	36667	5.98	ng		99
37) 2-Methylnaphthalene	8.769	142	70024	6.19	ng		99
38) 1-Methylnaphthalene	8.863	142	65373	6.15	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	32895	6.63	ng		96
43) 2,4,6-Trichlorophenol	9.045	196	20926	6.13	ng		94
44) 2,4,5-Trichlorophenol	9.092	196	22029	6.01	ng		96
46) 1,1'-Biphenyl	9.228	154	85250	6.18	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	9.251	162	64182	6.17	ng		96
48)	2-Nitroaniline	9.351	65	25755	5.62	ng		90
49)	Acenaphthylene	9.669	152	101372	6.03	ng		99
50)	Dimethylphthalate	9.527	163	71474	6.02	ng		98
51)	2,6-Dinitrotoluene	9.592	165	16901	6.16	ng		90
52)	Acenaphthene	9.839	154	61781	6.04	ng		96
53)	3-Nitroaniline	9.757	138	18066	5.51	ng		91
54)	2,4-Dinitrophenol	9.875	184	5137	3.53	ng		93
55)	Dibenzofuran	10.010	168	97441	6.29	ng		99
56)	4-Nitrophenol	9.939	139	11327	4.75	ng		96
57)	2,4-Dinitrotoluene	9.992	165	21331	5.70	ng		92
58)	Fluorene	10.351	166	74609	6.27	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.133	232	16491	5.68	ng		99
60)	Diethylphthalate	10.227	149	73850	5.85	ng		99
61)	4-Chlorophenyl-phenyle...	10.345	204	34689	6.26	ng		93
62)	4-Nitroaniline	10.363	138	18790	5.79	ng		86
63)	Azobenzene	10.504	77	84501	5.82	ng		91
65)	4,6-Dinitro-2-methylph...	10.398	198	9769	4.74	ng		92
66)	n-Nitrosodiphenylamine	10.463	169	65138	5.99	ng		99
67)	4-Bromophenyl-phenylether	10.833	248	20907	5.97	ng	#	90
68)	Hexachlorobenzene	10.904	284	26624	6.68	ng		94
69)	Atrazine	10.992	200	18836	5.73	ng		97
70)	Pentachlorophenol	11.104	266	8125	4.00	ng		90
71)	Phenanthrene	11.316	178	105131	6.03	ng		99
72)	Anthracene	11.369	178	106491	6.14	ng		96
73)	Carbazole	11.521	167	108873	6.21	ng		98
74)	Di-n-butylphthalate	11.857	149	110803	5.63	ng		97
75)	Fluoranthene	12.504	202	118186	6.21	ng		95
77)	Benzidine	12.627	184	29514	3.94	ng		99
78)	Pyrene	12.733	202	121429	5.41	ng		98
80)	Butylbenzylphthalate	13.351	149	47762	4.98	ng	#	90
81)	Benzo(a)anthracene	13.921	228	110742	6.32	ng		94
82)	3,3'-Dichlorobenzidine	13.880	252	32401	6.03	ng		99
83)	Chrysene	13.957	228	101391	5.76	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.915	149	60152	5.05	ng		95
85)	Di-n-octyl phthalate	14.527	149	83629	4.39	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.780	276	123870	8.41	ng		96
88)	Benzo(b)fluoranthene	14.951	252	97551	5.72	ng		93
89)	Benzo(k)fluoranthene	14.980	252	90892	5.59	ng	#	95
90)	Benzo(a)pyrene	15.309	252	82623	5.67	ng	#	96
91)	Dibenzo(a,h)anthracene	16.798	278	99323	7.99	ng		93
92)	Benzo(g,h,i)perylene	17.209	276	100422	8.06	ng		98

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

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