Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012721\
Data File : BF123040.D
Acq On : 27 Jan 2021 12:31
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
1/28/2021 11:46:56 AM

Quant Time: Jan 27 15:57:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 15:49:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	251341	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	982356	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	530734	20.00	ng		0.00
64) Phenanthrene-d10	11.428	188	960384	20.00	ng		# 0.00
76) Chrysene-d12	14.080	240	830288	20.00	ng		# 0.00
86) Perylene-d12	15.568	264	771730	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	365395	22.43	ng		0.00
7) Phenol-d6	6.504	99	487417	22.07	ng		-0.01
23) Nitrobenzene-d5	7.451	82	407139	20.86	ng		-0.01
42) 2,4,6-Tribromophenol	10.728	330	117136	20.33	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	847940	23.32	ng		0.00
79) Terphenyl-d14	13.022	244	1012492	22.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	86945	10.72	ng		96
3) Pyridine	3.422	79	225483	10.40	ng		91
4) n-Nitrosodimethylamine	3.357	42	94644	10.37	ng		93
6) Aniline	6.551	93	282256	10.38	ng		98
8) 2-Chlorophenol	6.675	128	195577	11.07	ng		98
9) Benzaldehyde	6.440	77	117780	11.62	ng		97
10) Phenol	6.516	94	240351	10.70	ng		87
11) bis(2-Chloroethyl)ether	6.622	93	197275	10.82	ng		98
12) 1,3-Dichlorobenzene	6.834	146	229298	11.13	ng		97
13) 1,4-Dichlorobenzene	6.910	146	232951	11.22	ng		98
14) 1,2-Dichlorobenzene	7.063	146	222920	11.55	ng		98
15) Benzyl Alcohol	7.028	79	166313	10.74	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	311148	11.07	ng		95
17) 2-Methylphenol	7.134	107	161142	10.72	ng		97
18) Hexachloroethane	7.410	117	80816	10.76	ng		95
19) n-Nitroso-di-n-propyla...	7.298	70	147400	11.10	ng		95
20) 3+4-Methylphenols	7.287	107	211781	11.41	ng	#	77
22) Acetophenone	7.298	105	284352	11.11	ng		96
24) Nitrobenzene	7.469	77	210818	10.48	ng		97
25) Isophorone	7.710	82	376348	10.53	ng		99
26) 2-Nitrophenol	7.787	139	74655	8.98	ng		98
27) 2,4-Dimethylphenol	7.822	122	155091m	10.49	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	262022	10.74	ng		99
29) 2,4-Dichlorophenol	8.028	162	163140	10.40	ng		100
30) 1,2,4-Trichlorobenzene	8.116	180	189805	10.74	ng		99
31) Naphthalene	8.198	128	603260	11.20	ng		99
32) Benzoic acid	7.892	122	75933	7.29	ng		97
33) 4-Chloroaniline	8.239	127	251361	10.51	ng		96
34) Hexachlorobutadiene	8.322	225	109277	10.70	ng		99
35) Caprolactam	8.575	113	53181	10.03	ng	#	85
36) 4-Chloro-3-methylphenol	8.716	107	170077	10.42	ng		99
37) 2-Methylnaphthalene	8.892	142	398302	11.13	ng		100
38) 1-Methylnaphthalene	8.992	142	377353	11.14	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	176180	10.67	ng		99
41) Hexachlorocyclopentadiene	9.051	237	78230	9.98	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	113537	10.03	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	119006	10.05	ng		95
46) 1,1'-Biphenyl	9.357	154	487794	11.21	ng		98
47) 2-Chloronaphthalene	9.381	162	394043	10.81	ng		97
48) 2-Nitroaniline	9.469	65	107667	9.75	ng		88
49) Acenaphthylene	9.798	152	585087	10.97	ng		99
50) Dimethylphthalate	9.651	163	447546	10.75	ng		99
51) 2,6-Dinitrotoluene	9.710	165	88532	9.98	ng	#	82
52) Acenaphthene	9.969	154	375081	10.95	ng		99
53) 3-Nitroaniline	9.881	138	106956	10.20	ng		97
54) 2,4-Dinitrophenol	9.981	184	19937	6.46	ng	#	1
55) Dibenzofuran	10.145	168	537458	11.15	ng		96
56) 4-Nitrophenol	10.028	139	71729	9.46	ng		95
57) 2,4-Dinitrotoluene	10.116	165	113319	9.82	ng		95
58) Fluorene	10.486	166	425939	11.51	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.257	232	100512	10.01	ng		92
60) Diethylphthalate	10.357	149	450689	11.01	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	205568	11.35	ng		96
62) 4-Nitroaniline	10.486	138	105927	10.05	ng		97
63) Azobenzene	10.639	77	443276	11.06	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	33439	7.39	ng		92
66) n-Nitrosodiphenylamine	10.592	169	372396	10.76	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	126410	10.34	ng		93
68) Hexachlorobenzene	11.039	284	136703	10.42	ng		97
69) Atrazine	11.122	200	101076	10.57	ng		98
70) Pentachlorophenol	11.228	266	66820	9.40	ng		99
71) Phenanthrene	11.451	178	641210	11.09	ng		99
72) Anthracene	11.504	178	639224	11.17	ng		98
73) Carbazole	11.657	167	582838	10.98	ng		98
74) Di-n-butylphthalate	11.992	149	707854	11.24	ng		99
75) Fluoranthene	12.645	202	659349	11.06	ng		98
77) Benzidine	12.763	184	166907	8.88	ng		98
78) Pyrene	12.874	202	679261	10.84	ng		99
80) Butylbenzylphthalate	13.498	149	269121	9.98	ng		96
81) Benzo(a)anthracene	14.069	228	603880	10.75	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	178361	10.09	ng		98
83) Chrysene	14.110	228	610551	10.86	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	393252	10.97	ng		100
85) Di-n-octyl phthalate	14.680	149	616292	10.24	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	530224	10.32	ng		95
88) Benzo(b)fluoranthene	15.127	252	562588	10.10	ng		98
89) Benzo(k)fluoranthene	15.157	252	554664	10.72	ng		99
90) Benzo(a)pyrene	15.504	252	498333	10.19	ng		98
91) Dibenzo(a,h)anthracene	17.080	278	440465	10.41	ng		96
92) Benzo(g,h,i)perylene	17.509	276	426155	10.40	ng		96

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

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