Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122993.D
Acq On : 18 Jan 2021 18:26
Operator : JU/CG
Sample : PB134201BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134201BS

Manual Integrations APPROVED
mohammad
1/20/2021 2:15:26 PM

Quant Time: Jan 18 23:49:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	200682	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	846322	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	407853	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	678277	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	390363	20.00	ng	# 0.00
86) Perylene-d12	15.545	264	330621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1407204	105.99	ng	0.01
7) Phenol-d6	6.522	99	2108813	118.19	ng	0.00
23) Nitrobenzene-d5	7.457	82	1343294	81.68	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	563773	122.23	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2140405	73.49	ng	0.00
79) Terphenyl-d14	13.015	244	2048409	96.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	155954	24.19	ng	# 66
3) Pyridine	3.504	79	511512	29.31	ng	# 65
4) n-Nitrosodimethylamine	3.457	42	358044	45.96	ng	# 65
6) Aniline	6.557	93	818373	38.02	ng	95
8) 2-Chlorophenol	6.681	128	619244	44.17	ng	91
9) Benzaldehyde	6.445	77	99794	8.33	ng	97
10) Phenol	6.534	94	782639	43.68	ng	92
11) bis(2-Chloroethyl)ether	6.628	93	623603	42.98	ng	86
12) 1,3-Dichlorobenzene	6.839	146	647612	39.91	ng	96
13) 1,4-Dichlorobenzene	6.916	146	663245	40.60	ng	99
14) 1,2-Dichlorobenzene	7.069	146	631521	41.43	ng	99
15) Benzyl Alcohol	7.034	79	571048	45.40	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1156296	45.72	ng	89
17) 2-Methylphenol	7.139	107	508476	42.75	ng	97
18) Hexachloroethane	7.410	117	241228	40.85	ng	91
19) n-Nitroso-di-n-propyla...	7.310	70	459160	43.44	ng	# 86
20) 3+4-Methylphenols	7.292	107	646174	43.44	ng	# 82
22) Acetophenone	7.304	105	833867	39.18	ng	# 93
24) Nitrobenzene	7.475	77	708385	42.03	ng	92
25) Isophorone	7.716	82	1247515	42.51	ng	98
26) 2-Nitrophenol	7.792	139	322035	42.29	ng	94
27) 2,4-Dimethylphenol	7.828	122	585300	48.27	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	764066	38.52	ng	99
29) 2,4-Dichlorophenol	8.033	162	504586	39.86	ng	95
30) 1,2,4-Trichlorobenzene	8.122	180	502534	37.27	ng	99
31) Naphthalene	8.204	128	1753079	40.29	ng	99
32) Benzoic acid	7.939	122	416111	40.85	ng	95
33) 4-Chloroaniline	8.245	127	531870	28.02	ng	# 94
34) Hexachlorobutadiene	8.322	225	270002	36.63	ng	98
35) Caprolactam	8.610	113	179180m	41.64	ng	
36) 4-Chloro-3-methylphenol	8.722	107	643927	47.82	ng	97
37) 2-Methylnaphthalene	8.892	142	1196355	39.86	ng	99
38) 1-Methylnaphthalene	8.992	142	1105745	39.01	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	420446	37.55	ng	# 96
41) Hexachlorocyclopentadiene	9.051	237	505050	92.86	ng	97
43) 2,4,6-Trichlorophenol	9.169	196	326371	39.10	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	354759m	41.89	ng		
46) 1,1'-Biphenyl	9.357	154	1312733	39.58	ng		97
47) 2-Chloronaphthalene	9.386	162	1035618	37.42	ng		99
48) 2-Nitroaniline	9.475	65	396553	42.04	ng	#	81
49) Acenaphthylene	9.804	152	1626671	40.29	ng		99
50) Dimethylphthalate	9.657	163	1219215	38.51	ng		99
51) 2,6-Dinitrotoluene	9.716	165	277466	40.07	ng	#	75
52) Acenaphthene	9.975	154	1152894	44.18	ng		99
53) 3-Nitroaniline	9.886	138	247126	28.87	ng		92
54) 2,4-Dinitrophenol	9.992	184	262584	68.92	ng		89
55) Dibenzofuran	10.145	168	1483299	40.77	ng		97
56) 4-Nitrophenol	10.039	139	557905	88.43	ng	#	78
57) 2,4-Dinitrotoluene	10.122	165	398830	44.78	ng		93
58) Fluorene	10.486	166	1172825	41.22	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	283308	41.92	ng	#	79
60) Diethylphthalate	10.363	149	1280444	41.62	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	511457	39.97	ng		94
62) 4-Nitroaniline	10.498	138	324260	38.41	ng		96
63) Azobenzene	10.639	77	1346567	43.74	ng		92
65) 4,6-Dinitro-2-methylph...	10.527	198	184625	48.33	ng	#	67
66) n-Nitrosodiphenylamine	10.598	169	1097878	43.36	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	331532	39.98	ng		93
68) Hexachlorobenzene	11.039	284	372156	39.25	ng		96
69) Atrazine	11.121	200	267592	39.69	ng		96
70) Pentachlorophenol	11.227	266	445245	89.27	ng		99
71) Phenanthrene	11.451	178	1681771	41.37	ng		99
72) Anthracene	11.504	178	1702624	42.38	ng		100
73) Carbazole	11.657	167	1608024	41.29	ng		99
74) Di-n-butylphthalate	11.986	149	1867726	40.53	ng		99
75) Fluoranthene	12.645	202	1690000	41.10	ng		98
77) Benzidine	12.757	184	668199	64.64	ng		99
78) Pyrene	12.874	202	1704897	54.54	ng		99
80) Butylbenzylphthalate	13.492	149	631578	45.08	ng		93
81) Benzo(a)anthracene	14.062	228	1114511	42.66	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	313773	36.69	ng	#	96
83) Chrysene	14.104	228	1132125	42.97	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	826558	44.26	ng	#	98
85) Di-n-octyl phthalate	14.668	149	1363617	45.14	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.039	276	960728	46.12	ng	#	93
88) Benzo(b)fluoranthene	15.115	252	1056452m	47.35	ng		
89) Benzo(k)fluoranthene	15.151	252	966713	42.26	ng		99
90) Benzo(a)pyrene	15.486	252	915153	45.40	ng	#	96
91) Dibenzo(a,h)anthracene	17.056	278	791202	46.36	ng	#	96
92) Benzo(g,h,i)perylene	17.492	276	796267	48.20	ng	#	95

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

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