Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123233.D
Acq On : 19 Feb 2021 18:50
Operator : JU/CG
Sample : PB134739BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134739BSD

Manual Integrations APPROVED
mohammad
2/22/2021 2:09:58 PM

Quant Time: Feb 19 23:08:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	128332	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	525902	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	278741	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	520937	20.00	ng		0.00
76) Chrysene-d12	14.045	240	430584	20.00	ng		0.00
86) Perylene-d12	15.515	264	397807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1265462	141.94	ng		0.01
7) Phenol-d6	6.493	99	1344567	111.01	ng		0.00
23) Nitrobenzene-d5	7.422	82	805539	70.12	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	327476	115.38	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1351677	69.66	ng		0.00
79) Terphenyl-d14	12.986	244	1443436	64.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	222185	43.18	ng		90
3) Pyridine	3.452	79	661007	52.72	ng		91
4) n-Nitrosodimethylamine	3.410	42	307936	53.12	ng		89
6) Aniline	6.522	93	448689	31.36	ng		95
8) 2-Chlorophenol	6.645	128	419458	43.79	ng		94
9) Benzaldehyde	6.404	77	240049	38.00	ng		89
10) Phenol	6.504	94	559310	42.37	ng		97
11) bis(2-Chloroethyl)ether	6.593	93	421655	44.54	ng		96
12) 1,3-Dichlorobenzene	6.798	146	438857	44.05	ng	#	94
13) 1,4-Dichlorobenzene	6.875	146	448925	44.21	ng		95
14) 1,2-Dichlorobenzene	7.028	146	424636	44.95	ng		95
15) Benzyl Alcohol	6.998	79	405513	42.94	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.134	45	557617	42.94	ng		100
17) 2-Methylphenol	7.110	107	361155	44.83	ng		93
18) Hexachloroethane	7.369	117	170265	46.42	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	326706	45.34	ng		96
20) 3+4-Methylphenols	7.263	107	447221	42.27	ng		98
22) Acetophenone	7.269	105	604750	44.33	ng		95
24) Nitrobenzene	7.440	77	500589	41.33	ng		92
25) Isophorone	7.681	82	895172	41.67	ng		97
26) 2-Nitrophenol	7.757	139	221624	43.68	ng		90
27) 2,4-Dimethylphenol	7.792	122	382482	48.69	ng		92
28) bis(2-Chloroethoxy)met...	7.892	93	532490	47.36	ng		99
29) 2,4-Dichlorophenol	7.998	162	346304	42.70	ng		93
30) 1,2,4-Trichlorobenzene	8.081	180	379338	43.02	ng		99
31) Naphthalene	8.163	128	1216250	42.20	ng		99
32) Benzoic acid	7.922	122	225285	38.88	ng		89
33) 4-Chloroaniline	8.210	127	310707	26.49	ng	#	94
34) Hexachlorobutadiene	8.287	225	210743	42.37	ng		98
35) Caprolactam	8.587	113	114269m	41.99	ng		
36) 4-Chloro-3-methylphenol	8.698	107	420878	43.66	ng		92
37) 2-Methylnaphthalene	8.857	142	826676	43.06	ng		99
38) 1-Methylnaphthalene	8.957	142	776861	43.26	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	358077	42.99	ng	#	97
41) Hexachlorocyclopentadiene	9.016	237	415805	106.55	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	246629	41.75	ng		91

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.175	196	263304	41.65	ng	#	91
46)	1,1'-Biphenyl	9.322	154	1010161	43.69	ng		99
47)	2-Chloronaphthalene	9.345	162	767116	42.05	ng		97
48)	2-Nitroaniline	9.445	65	282575	43.23	ng		85
49)	Acenaphthylene	9.769	152	1165177	42.11	ng		100
50)	Dimethylphthalate	9.628	163	914151	43.86	ng		99
51)	2,6-Dinitrotoluene	9.686	165	203099	42.28	ng	#	79
52)	Acenaphthene	9.939	154	787526	41.27	ng		98
53)	3-Nitroaniline	9.851	138	151820	28.47	ng	#	77
54)	2,4-Dinitrophenol	9.957	184	79419	31.47	ng	#	83
55)	Dibenzofuran	10.110	168	1062171	41.12	ng		96
56)	4-Nitrophenol	10.022	139	341332	80.33	ng	#	73
57)	2,4-Dinitrotoluene	10.092	165	276387	42.78	ng		89
58)	Fluorene	10.457	166	853928	42.00	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.228	232	216477	42.92	ng	#	86
60)	Diethylphthalate	10.328	149	905903	43.89	ng		98
61)	4-Chlorophenyl-phenyle...	10.445	204	415310	42.91	ng		98
62)	4-Nitroaniline	10.475	138	215071	40.07	ng		90
63)	Azobenzene	10.604	77	969036	40.74	ng		96
65)	4,6-Dinitro-2-methylph...	10.498	198	76633	21.85	ng		82
66)	n-Nitrosodiphenylamine	10.563	169	756832	42.01	ng		99
67)	4-Bromophenyl-phenylether	10.933	248	244086	42.98	ng	#	89
68)	Hexachlorobenzene	11.004	284	260280	43.51	ng	#	91
69)	Atrazine	11.092	200	221805	38.96	ng		98
70)	Pentachlorophenol	11.198	266	302044	79.96	ng		99
71)	Phenanthrene	11.422	178	1286552	41.76	ng		99
72)	Anthracene	11.475	178	1326593	43.16	ng		99
73)	Carbazole	11.628	167	1166256	40.29	ng		100
74)	Di-n-butylphthalate	11.957	149	1407685	43.50	ng		100
75)	Fluoranthene	12.610	202	1380239	42.27	ng		99
77)	Benzidine	12.727	184	560459	40.30	ng		98
78)	Pyrene	12.845	202	1400658	41.67	ng		99
80)	Butylbenzylphthalate	13.463	149	617700	43.47	ng		95
81)	Benzo(a)anthracene	14.033	228	1195845	40.87	ng		98
82)	3,3'-Dichlorobenzidine	13.998	252	272509	28.01	ng		100
83)	Chrysene	14.074	228	1166401	40.59	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.021	149	851181	43.51	ng		97
85)	Di-n-octyl phthalate	14.639	149	1458867	43.65	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.004	276	1170645	42.58	ng		97
88)	Benzo(b)fluoranthene	15.092	252	1196512	42.83	ng		99
89)	Benzo(k)fluoranthene	15.121	252	1134904	44.80	ng		100
90)	Benzo(a)pyrene	15.463	252	1054137	42.31	ng		100
91)	Dibenzo(a,h)anthracene	17.027	278	991649	42.04	ng		98
92)	Benzo(g,h,i)perylene	17.457	276	933626	42.98	ng		98

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

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