Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122999.D
Acq On : 18 Jan 2021 21:35
Operator : JU/CG
Sample : M1141-21MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T872-T871MSD

Manual Integrations APPROVED
mohammad
1/20/2021 2:15:38 PM

Quant Time: Jan 18 23:51:35 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	130673	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	597134	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	343083	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	643205	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	379819	20.00	ng	# 0.00
86) Perylene-d12	15.545	264	330467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	831301	96.16	ng	0.02
7) Phenol-d6	6.528	99	1536889	132.28	ng	0.00
23) Nitrobenzene-d5	7.463	82	983342	84.74	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	471589	121.55	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1702317	69.48	ng	0.00
79) Terphenyl-d14	13.015	244	1726935	83.36	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.898	88	174115	41.47	ng	# 58
3) Pyridine	3.587	79	515617	45.38	ng	# 59
4) n-Nitrosodimethylamine	3.534	42	391593	77.20	ng	# 59
6) Aniline	6.563	93	308059	21.98	ng	93
8) 2-Chlorophenol	6.681	128	478730	52.44	ng	84
9) Benzaldehyde	6.445	77	53607	6.15	ng	88
10) Phenol	6.539	94	616026m	52.80	ng	
11) bis(2-Chloroethyl)ether	6.634	93	503175	53.26	ng	84
12) 1,3-Dichlorobenzene	6.839	146	415220	39.30	ng	# 91
13) 1,4-Dichlorobenzene	6.916	146	436403	41.02	ng	95
14) 1,2-Dichlorobenzene	7.069	146	482793	48.65	ng	98
15) Benzyl Alcohol	7.034	79	465618	56.86	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1068772	64.91	ng	85
17) 2-Methylphenol	7.145	107	403642	52.12	ng	97
18) Hexachloroethane	7.416	117	173259	45.06	ng	90
19) n-Nitroso-di-n-propyla...	7.316	70	404105	58.71	ng	# 79
20) 3+4-Methylphenols	7.298	107	527817	54.49	ng	94
22) Acetophenone	7.304	105	683913	45.54	ng	# 81
24) Nitrobenzene	7.481	77	547817	46.06	ng	90
25) Isophorone	7.722	82	1034282	49.96	ng	97
26) 2-Nitrophenol	7.792	139	237469	44.20	ng	# 84
27) 2,4-Dimethylphenol	7.828	122	403842	47.20	ng	94
28) bis(2-Chloroethoxy)met...	7.928	93	623639	44.56	ng	100
29) 2,4-Dichlorophenol	8.033	162	386140	43.23	ng	94
30) 1,2,4-Trichlorobenzene	8.122	180	355313	37.34	ng	97
31) Naphthalene	8.204	128	1335100	43.49	ng	100
32) Benzoic acid	7.945	122	311910	43.39	ng	89
33) 4-Chloroaniline	8.239	127	136305	10.18	ng	# 91
34) Hexachlorobutadiene	8.322	225	183035	35.20	ng	98
35) Caprolactam	8.616	113	124344m	40.96	ng	
36) 4-Chloro-3-methylphenol	8.728	107	538399	56.67	ng	94
37) 2-Methylnaphthalene	8.892	142	1101365	52.01	ng	99
38) 1-Methylnaphthalene	8.992	142	981527	49.08	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	364878	38.74	ng	# 94
41) Hexachlorocyclopentadiene	9.051	237	405529	88.64	ng	96
43) 2,4,6-Trichlorophenol	9.169	196	309596	44.10	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	297589	41.78	ng	#	90
46)	1,1'-Biphenyl	9.357	154	1163268	41.69	ng		98
47)	2-Chloronaphthalene	9.386	162	896827	38.52	ng		99
48)	2-Nitroaniline	9.475	65	378649	47.72	ng	#	71
49)	Acenaphthylene	9.804	152	1510296	44.47	ng		99
50)	Dimethylphthalate	9.663	163	1145151	43.00	ng		100
51)	2,6-Dinitrotoluene	9.716	165	254842	43.75	ng	#	62
52)	Acenaphthene	9.975	154	1032433	47.03	ng		99
53)	3-Nitroaniline	9.880	138	109188	15.17	ng		83
54)	2,4-Dinitrophenol	9.992	184	201650	64.88	ng	#	76
55)	Dibenzofuran	10.145	168	1317726	43.06	ng		95
56)	4-Nitrophenol	10.045	139	454195	85.58	ng	#	74
57)	2,4-Dinitrotoluene	10.122	165	330752	44.15	ng	#	74
58)	Fluorene	10.492	166	976211	40.79	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.263	232	242655	42.68	ng	#	77
60)	Diethylphthalate	10.363	149	1068210	41.27	ng		96
61)	4-Chlorophenyl-phenyle...	10.480	204	412909	38.36	ng	#	89
62)	4-Nitroaniline	10.504	138	234612	33.03	ng		98
63)	Azobenzene	10.639	77	1287743	49.73	ng		88
65)	4,6-Dinitro-2-methylph...	10.527	198	145943	40.29	ng	#	51
66)	n-Nitrosodiphenylamine	10.598	169	927660	38.63	ng		99
67)	4-Bromophenyl-phenylether	10.969	248	290392	36.93	ng	#	90
68)	Hexachlorobenzene	11.039	284	328155	36.49	ng		95
69)	Atrazine	11.121	200	241322	37.75	ng		94
70)	Pentachlorophenol	11.227	266	403277	85.27	ng		99
71)	Phenanthrene	11.451	178	1722340	44.68	ng		100
72)	Anthracene	11.504	178	1740423	45.69	ng		99
73)	Carbazole	11.657	167	1630044	44.14	ng		99
74)	Di-n-butylphthalate	11.986	149	1918598	43.91	ng		99
75)	Fluoranthene	12.645	202	1516420	38.89	ng		99
77)	Benzidine	12.757	184	286532	28.49	ng		99
78)	Pyrene	12.874	202	1514491	49.80	ng		99
80)	Butylbenzylphthalate	13.492	149	682942	50.10	ng		95
81)	Benzo(a)anthracene	14.062	228	1144660	45.03	ng		99
82)	3,3'-Dichlorobenzidine	14.021	252	215901	25.94	ng		97
83)	Chrysene	14.098	228	1151620	44.92	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.051	149	864992	47.60	ng		100
85)	Di-n-octyl phthalate	14.668	149	1467064	49.91	ng	#	87
87)	Indeno(1,2,3-cd)pyrene	17.039	276	1192171	57.26	ng	#	94
88)	Benzo(b)fluoranthene	15.115	252	1164595m	52.22	ng		
89)	Benzo(k)fluoranthene	15.151	252	1047973	45.83	ng		99
90)	Benzo(a)pyrene	15.486	252	1000160	49.64	ng	#	97
91)	Dibenzo(a,h)anthracene	17.062	278	971107	56.93	ng	#	97
92)	Benzo(g,h,i)perylene	17.492	276	1057394	64.04	ng	#	95

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

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