Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012721\
Data File : BF123048.D
Acq On : 27 Jan 2021 18:25
Operator : JU/CG
Sample : PB134172BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134172BS

Manual Integrations APPROVED
mohammad
1/28/2021 11:47:06 AM

Quant Time: Jan 28 01:10:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	248119	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	957523	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	522604	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	971228	20.00	ng		# 0.00
76) Chrysene-d12	14.086	240	800116	20.00	ng		0.00
86) Perylene-d12	15.568	264	800128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1282873	79.76	ng		0.01
7) Phenol-d6	6.516	99	1659429	76.11	ng		0.00
23) Nitrobenzene-d5	7.457	82	1430536	75.19	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	473044	83.38	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2605319	74.11	ng		0.00
79) Terphenyl-d14	13.021	244	3147199	77.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	322918	40.35	ng		93
3) Pyridine	3.516	79	816460	38.15	ng		94
4) n-Nitrosodimethylamine	3.475	42	389901	43.29	ng		95
6) Aniline	6.557	93	693807	25.86	ng		98
8) 2-Chlorophenol	6.681	128	788597	45.23	ng		99
9) Benzaldehyde	6.439	77	88188	8.85	ng		97
10) Phenol	6.528	94	965916m	44.67	ng		
11) bis(2-Chloroethyl)ether	6.628	93	764462	42.48	ng		97
12) 1,3-Dichlorobenzene	6.834	146	830765	40.86	ng		97
13) 1,4-Dichlorobenzene	6.910	146	849128	40.10	ng		98
14) 1,2-Dichlorobenzene	7.063	146	786415	39.70	ng		98
15) Benzyl Alcohol	7.034	79	675691	44.21	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1134301	40.88	ng		96
17) 2-Methylphenol	7.139	107	659204	44.43	ng		99
18) Hexachloroethane	7.410	117	313300	42.24	ng		95
19) n-Nitroso-di-n-propyla...	7.310	70	550967	42.02	ng		97
20) 3+4-Methylphenols	7.292	107	798083	45.67	ng	#	86
22) Acetophenone	7.304	105	1033907	41.44	ng		96
24) Nitrobenzene	7.475	77	837780	42.74	ng		97
25) Isophorone	7.716	82	1564513	44.89	ng		99
26) 2-Nitrophenol	7.792	139	398385	49.15	ng		95
27) 2,4-Dimethylphenol	7.828	122	746458	51.03	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	971881	40.87	ng		99
29) 2,4-Dichlorophenol	8.033	162	672279	43.95	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	709047	41.15	ng		99
31) Naphthalene	8.198	128	2241931	42.68	ng		99
32) Benzoic acid	7.945	122	498809	42.92	ng		99
33) 4-Chloroaniline	8.245	127	613974	26.34	ng		99
34) Hexachlorobutadiene	8.322	225	394753	39.66	ng		99
35) Caprolactam	8.616	113	255363m	49.40	ng		
36) 4-Chloro-3-methylphenol	8.728	107	716042	45.02	ng		99
37) 2-Methylnaphthalene	8.892	142	1521616	43.64	ng		100
38) 1-Methylnaphthalene	8.992	142	1440985	43.65	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	656133	40.36	ng		98
41) Hexachlorocyclopentadiene	9.051	237	744435	96.46	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	503798	45.20	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	499169	42.83	ng		99
46) 1,1'-Biphenyl	9.357	154	1799270	41.97	ng		98
47) 2-Chloronaphthalene	9.386	162	1440072	40.13	ng		97
48) 2-Nitroaniline	9.475	65	470623	43.27	ng		86
49) Acenaphthylene	9.804	152	2236450	42.58	ng		99
50) Dimethylphthalate	9.663	163	1732739	42.26	ng		100
51) 2,6-Dinitrotoluene	9.722	165	395794	45.31	ng		99
52) Acenaphthene	9.975	154	1530029	45.35	ng		99
53) 3-Nitroaniline	9.886	138	312567	30.26	ng		94
54) 2,4-Dinitrophenol	9.992	184	370529	91.68	ng		97
55) Dibenzofuran	10.145	168	2020697	41.16	ng		100
56) 4-Nitrophenol	10.051	139	760593	101.88	ng		97
57) 2,4-Dinitrotoluene	10.127	165	539037	47.46	ng		92
58) Fluorene	10.492	166	1507327	38.44	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	449921	45.52	ng		95
60) Diethylphthalate	10.363	149	1717318	42.59	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	741571	40.25	ng		100
62) 4-Nitroaniline	10.504	138	411605	39.66	ng		98
63) Azobenzene	10.645	77	1679829	42.58	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	260040	48.45	ng		94
66) n-Nitrosodiphenylamine	10.598	169	1427887	40.79	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	500733	40.48	ng		95
68) Hexachlorobenzene	11.039	284	527265	39.74	ng		94
69) Atrazine	11.127	200	487040	50.38	ng		100
70) Pentachlorophenol	11.233	266	643552	89.50	ng		98
71) Phenanthrene	11.457	178	2334446	38.70	ng		99
72) Anthracene	11.510	178	2412679	41.69	ng		99
73) Carbazole	11.663	167	2217217	41.29	ng		100
74) Di-n-butylphthalate	11.992	149	2682005	42.12	ng		99
75) Fluoranthene	12.651	202	2505926	41.57	ng		98
77) Benzidine	12.763	184	500703	27.65	ng		99
78) Pyrene	12.880	202	2567933	42.51	ng		99
80) Butylbenzylphthalate	13.498	149	1214486	46.73	ng		95
81) Benzo(a)anthracene	14.074	228	2317736	42.80	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	771583	45.27	ng	#	98
83) Chrysene	14.115	228	2335531	43.09	ng		97
84) Bis(2-ethylhexyl)phtha...	14.062	149	1587482	45.97	ng		99
85) Di-n-octyl phthalate	14.680	149	2869233	49.47	ng		98
87) Indeno(1,2,3-cd)pyrene	17.080	276	2457430	46.12	ng		96
88) Benzo(b)fluoranthene	15.139	252	2463725	42.66	ng		99
89) Benzo(k)fluoranthene	15.168	252	2267842	42.26	ng		98
90) Benzo(a)pyrene	15.509	252	2135734	42.11	ng		97
91) Dibenzo(a,h)anthracene	17.098	278	2051683	46.78	ng	#	97
92) Benzo(g,h,i)perylene	17.533	276	2032701	47.83	ng		96

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

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