Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123847.D
Acq On : 6 May 2021 11:02
Operator : JU/CG
Sample : PB136195BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 06 11:22:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 13:09:28 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB136195BS

Manual Integrations APPROVED
mohammad
5/7/2021 10:34:59 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	283795	20.00	ng		0.00
21) Naphthalene-d8	8.080	136	1113295	20.00	ng		0.00
39) Acenaphthene-d10	9.839	164	569825	20.00	ng		0.00
64) Phenanthrene-d10	11.327	188	1083909	20.00	ng		0.00
76) Chrysene-d12	13.974	240	671248	20.00	ng		0.00
86) Perylene-d12	15.427	264	573776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2078869	116.05	ng		0.02
7) Phenol-d6	6.445	99	2687548	108.91	ng		0.00
23) Nitrobenzene-d5	7.363	82	1928460	78.20	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	791516	111.58	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2855106	72.97	ng		0.00
79) Terphenyl-d14	12.921	244	3033843	87.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.598	88	329373	34.13	ng		95
3) Pyridine	3.334	79	811257	34.40	ng		94
4) n-Nitrosodimethylamine	3.281	42	529841	40.79	ng		94
6) Aniline	6.457	93	994635	34.85	ng	#	13
8) 2-Chlorophenol	6.586	128	809051	41.99	ng		98
9) Benzaldehyde	6.345	77	673345	56.38	ng		99
10) Phenol	6.457	94	1019720	38.47	ng	#	61
11) bis(2-Chloroethyl)ether	6.533	93	811427	41.93	ng		99
12) 1,3-Dichlorobenzene	6.739	146	791408	40.65	ng		95
13) 1,4-Dichlorobenzene	6.816	146	798878	40.56	ng		97
14) 1,2-Dichlorobenzene	6.969	146	772711	40.40	ng		100
15) Benzyl Alcohol	6.945	79	790487	40.87	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1647233	40.02	ng		92
17) 2-Methylphenol	7.063	107	686855	41.83	ng		96
18) Hexachloroethane	7.310	117	327403	41.99	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	613201	40.24	ng		97
20) 3+4-Methylphenols	7.216	107	817897	39.14	ng		95
22) Acetophenone	7.210	105	1215980	40.18	ng		96
24) Nitrobenzene	7.386	77	959719	37.36	ng		98
25) Isophorone	7.622	82	1685551	36.45	ng		99
26) 2-Nitrophenol	7.698	139	431796	41.19	ng		97
27) 2,4-Dimethylphenol	7.745	122	727311	44.17	ng		96
28) bis(2-Chloroethoxy)met...	7.833	93	982878	41.71	ng		99
29) 2,4-Dichlorophenol	7.945	162	629931	38.81	ng		99
30) 1,2,4-Trichlorobenzene	8.022	180	663177	38.99	ng		98
31) Naphthalene	8.104	128	2197406	38.33	ng		99
32) Benzoic acid	7.886	122	420305	38.38	ng		98
33) 4-Chloroaniline	8.151	127	514258	21.50	ng		98
34) Hexachlorobutadiene	8.222	225	398452	38.44	ng		99
35) Caprolactam	8.533	113	229627m	40.30	ng		
36) 4-Chloro-3-methylphenol	8.645	107	801166	39.56	ng		97
37) 2-Methylnaphthalene	8.798	142	1450272	38.82	ng		97
38) 1-Methylnaphthalene	8.898	142	1342811	38.24	ng		98
40) 1,2,4,5-Tetrachloroben...	8.969	216	643839	38.39	ng		99
41) Hexachlorocyclopentadiene	8.951	237	630732	86.67	ng		99
43) 2,4,6-Trichlorophenol	9.080	196	437039	37.84	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	474358	38.28	ng		98
46) 1,1'-Biphenyl	9.263	154	1755276	37.60	ng		98
47) 2-Chloronaphthalene	9.286	162	1305442	37.09	ng		99
48) 2-Nitroaniline	9.386	65	577710	37.26	ng		97
49) Acenaphthylene	9.704	152	2174182	38.27	ng		99
50) Dimethylphthalate	9.569	163	1542520	38.43	ng		99
51) 2,6-Dinitrotoluene	9.627	165	363936	39.22	ng		95
52) Acenaphthene	9.874	154	1261091	36.43	ng		99
53) 3-Nitroaniline	9.798	138	287042	25.90	ng		98
54) 2,4-Dinitrophenol	9.910	184	355352	72.11	ng		95
55) Dibenzofuran	10.051	168	1900748	36.30	ng		97
56) 4-Nitrophenol	9.980	139	561904	69.61	ng		97
57) 2,4-Dinitrotoluene	10.033	165	471488	37.27	ng	#	88
58) Fluorene	10.392	166	1490841	37.05	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	368605	37.56	ng		96
60) Diethylphthalate	10.269	149	1631701	38.20	ng		98
61) 4-Chlorophenyl-phenyle...	10.380	204	700332	37.35	ng		98
62) 4-Nitroaniline	10.416	138	400952	36.51	ng		98
63) Azobenzene	10.545	77	1772248	36.09	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	235336	35.04	ng		94
66) n-Nitrosodiphenylamine	10.504	169	1346015	37.96	ng		99
67) 4-Bromophenyl-phenylether	10.874	248	455990	39.95	ng		94
68) Hexachlorobenzene	10.939	284	512077	39.41	ng		97
69) Atrazine	11.033	200	440394	41.08	ng		96
70) Pentachlorophenol	11.139	266	509560	76.95	ng		97
71) Phenanthrene	11.357	178	2144729	37.72	ng		99
72) Anthracene	11.404	178	2211603	39.12	ng		99
73) Carbazole	11.563	167	2076598	36.35	ng		99
74) Di-n-butylphthalate	11.892	149	2542807	39.64	ng		100
75) Fluoranthene	12.545	202	2261584	36.47	ng		99
77) Benzidine	12.668	184	1298037	74.67	ng		98
78) Pyrene	12.774	202	2279879	43.76	ng		99
80) Butylbenzylphthalate	13.392	149	1004964	45.15	ng		97
81) Benzo(a)anthracene	13.962	228	1565650	38.49	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	323838	25.92	ng		99
83) Chrysene	14.004	228	1592012	38.90	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	1214383	43.92	ng		100
85) Di-n-octyl phthalate	14.568	149	1869858	42.29	ng		98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1542925	46.17	ng		99
88) Benzo(b)fluoranthene	15.009	252	1410100	36.47	ng		98
89) Benzo(k)fluoranthene	15.039	252	1354222	36.70	ng		99
90) Benzo(a)pyrene	15.374	252	1331379	40.27	ng		97
91) Dibenzo(a,h)anthracene	16.898	278	1260946	44.69	ng		99
92) Benzo(g,h,i)perylene	17.321	276	1312655	46.45	ng		98

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

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