Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
Data File : BF123700.D
Acq On : 23 Apr 2021 18:50
Operator : JU/CG
Sample : M2151-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-1MS

Manual Integrations APPROVED
mohammad
4/26/2021 11:36:05 AM

Quant Time: Apr 26 01:46:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 23 10:48:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	212958	20.00	ng		-0.01
21) Naphthalene-d8	8.116	136	817164	20.00	ng		-0.01
39) Acenaphthene-d10	9.874	164	389794	20.00	ng		-0.01
64) Phenanthrene-d10	11.363	188	725234	20.00	ng		-0.01
76) Chrysene-d12	14.015	240	439159	20.00	ng		0.00
86) Perylene-d12	15.486	264	433436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1238660	94.01	ng		0.00
7) Phenol-d6	6.469	99	1620997	88.78	ng		0.00
23) Nitrobenzene-d5	7.392	82	1152407	64.83	ng		-0.01
42) 2,4,6-Tribromophenol	10.669	330	441785	100.09	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1642163	62.80	ng		0.00
79) Terphenyl-d14	12.957	244	1513214	66.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	302276	43.91	ng		96
3) Pyridine	3.351	79	723582	42.99	ng		91
4) n-Nitrosodimethylamine	3.298	42	464528	46.57	ng		97
6) Aniline	6.486	93	416085	19.36	ng	#	20
8) 2-Chlorophenol	6.616	128	676958	47.83	ng		98
9) Benzaldehyde	6.381	77	627080	52.60	ng		97
10) Phenol	6.481	94	912514	47.06	ng		96
11) bis(2-Chloroethyl)ether	6.563	93	672410	46.64	ng		97
12) 1,3-Dichlorobenzene	6.769	146	665836	45.76	ng		99
13) 1,4-Dichlorobenzene	6.845	146	676903	45.85	ng		98
14) 1,2-Dichlorobenzene	6.998	146	652369	47.02	ng		97
15) Benzyl Alcohol	6.975	79	676661	46.97	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1451646	44.60	ng		99
17) 2-Methylphenol	7.092	107	569357	46.82	ng		96
18) Hexachloroethane	7.345	117	274948	46.71	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	520557	43.04	ng		97
20) 3+4-Methylphenols	7.239	107	691848	44.59	ng	#	73
22) Acetophenone	7.239	105	1004484	44.32	ng		94
24) Nitrobenzene	7.410	77	817101	43.66	ng		97
25) Isophorone	7.651	82	1428371	41.42	ng		100
26) 2-Nitrophenol	7.733	139	352913	55.18	ng		92
27) 2,4-Dimethylphenol	7.769	122	604061	51.18	ng		97
28) bis(2-Chloroethoxy)met...	7.863	93	834045	48.20	ng		99
29) 2,4-Dichlorophenol	7.975	162	526635	45.83	ng		97
30) 1,2,4-Trichlorobenzene	8.057	180	550096	44.55	ng		98
31) Naphthalene	8.139	128	1882750	44.73	ng		99
32) Benzoic acid	7.892	122	311923	40.51	ng		91
33) 4-Chloroaniline	8.180	127	116191	6.72	ng		97
34) Hexachlorobutadiene	8.257	225	334833	43.21	ng		98
35) Caprolactam	8.557	113	185540m	46.25	ng		
36) 4-Chloro-3-methylphenol	8.675	107	668981	44.88	ng		96
37) 2-Methylnaphthalene	8.833	142	1213716	43.97	ng		99
38) 1-Methylnaphthalene	8.933	142	1121529	42.95	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	522010	48.52	ng		99
41) Hexachlorocyclopentadiene	8.986	237	565344	101.13	ng		98
43) 2,4,6-Trichlorophenol	9.110	196	365558	50.08	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	383183	48.01	ng		94
46) 1,1'-Biphenyl	9.298	154	1471087	48.22	ng		98
47) 2-Chloronaphthalene	9.322	162	1079736	47.03	ng		99
48) 2-Nitroaniline	9.416	65	490256	51.25	ng		92
49) Acenaphthylene	9.739	152	1798089	47.88	ng		99
50) Dimethylphthalate	9.598	163	1282827	47.64	ng		99
51) 2,6-Dinitrotoluene	9.663	165	277528	46.95	ng		86
52) Acenaphthene	9.910	154	1225814m	50.87	ng		
53) 3-Nitroaniline	9.822	138	87621	12.78	ng		97
54) 2,4-Dinitrophenol	9.939	184	273454	105.31	ng		91
55) Dibenzofuran	10.086	168	1581233	45.75	ng		97
56) 4-Nitrophenol	10.004	139	473116	90.04	ng		95
57) 2,4-Dinitrotoluene	10.069	165	380713	48.22	ng		98
58) Fluorene	10.427	166	1214527	44.70	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	302867	47.66	ng		98
60) Diethylphthalate	10.304	149	1308978	44.40	ng		97
61) 4-Chlorophenyl-phenyle...	10.416	204	567424	45.25	ng		97
62) 4-Nitroaniline	10.445	138	301709	43.57	ng		99
63) Azobenzene	10.580	77	1472179	44.08	ng		98
65) 4,6-Dinitro-2-methylph...	10.474	198	183990	48.62	ng		90
66) n-Nitrosodiphenylamine	10.539	169	1092463	47.06	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	354719	46.79	ng		99
68) Hexachlorobenzene	10.980	284	399303	46.73	ng	#	91
69) Atrazine	11.069	200	338417	46.77	ng		98
70) Pentachlorophenol	11.174	266	388338	86.98	ng		97
71) Phenanthrene	11.392	178	1726451	45.61	ng		100
72) Anthracene	11.445	178	1773248	46.88	ng		100
73) Carbazole	11.598	167	1671137	44.26	ng		99
74) Di-n-butylphthalate	11.933	149	1939806	42.45	ng		98
75) Fluoranthene	12.580	202	1766489	42.47	ng		99
77) Benzidine	12.698	184	565695	47.39	ng		99
78) Pyrene	12.810	202	1771336	55.27	ng		99
80) Butylbenzylphthalate	13.433	149	678097	45.03	ng		99
81) Benzo(a)anthracene	14.004	228	1192821	44.32	ng		100
82) 3,3'-Dichlorobenzidine	13.962	252	77164	8.98	ng	#	95
83) Chrysene	14.039	228	1217478	45.05	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	767700	38.33	ng		98
85) Di-n-octyl phthalate	14.609	149	1294754	40.17	ng		98
87) Indeno(1,2,3-cd)pyrene	16.962	276	1444882	62.48	ng		99
88) Benzo(b)fluoranthene	15.057	252	1265522	41.35	ng		98
89) Benzo(k)fluoranthene	15.086	252	1079559	39.18	ng		99
90) Benzo(a)pyrene	15.427	252	1152233	47.34	ng		98
91) Dibenzo(a,h)anthracene	16.980	278	1207791	61.75	ng		100
92) Benzo(g,h,i)perylene	17.409	276	1273754	61.56	ng		98

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

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