Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
Data File : BF123875.D
Acq On : 7 May 2021 19:59
Operator : JU/CG
Sample : M2306-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-1MS

Manual Integrations APPROVED
mohammad
5/10/2021 3:25:59 PM

Quant Time: May 08 00:32:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 13:43:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	101291	20.00	ng		0.00
21) Naphthalene-d8	8.063	136	518056	20.00	ng		0.00
39) Acenaphthene-d10	9.816	164	283888	20.00	ng		0.00
64) Phenanthrene-d10	11.304	188	548830	20.00	ng		0.00
76) Chrysene-d12	13.945	240	336347	20.00	ng		0.00
86) Perylene-d12	15.386	264	322035	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	574305	89.82	ng		0.00
7) Phenol-d6	6.428	99	773391	87.81	ng		0.00
23) Nitrobenzene-d5	7.345	82	674171	58.75	ng		0.00
42) 2,4,6-Tribromophenol	10.610	330	376091	106.42	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	1388020	71.20	ng		0.00
79) Terphenyl-d14	12.886	244	1351975	77.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	108179	31.41	ng		94
3) Pyridine	3.222	79	190413	22.62	ng		95
4) n-Nitrosodimethylamine	3.157	42	183036	39.48	ng	#	75
6) Aniline	6.440	93	272156	26.72	ng	#	1
8) 2-Chlorophenol	6.569	128	271159	39.43	ng		98
9) Benzaldehyde	6.328	77	214103	50.22	ng		98
10) Phenol	6.440	94	367280	38.82	ng	#	68
11) bis(2-Chloroethyl)ether	6.516	93	254110	36.79	ng		98
12) 1,3-Dichlorobenzene	6.716	146	291911	42.01	ng		98
13) 1,4-Dichlorobenzene	6.792	146	304717	43.34	ng		99
14) 1,2-Dichlorobenzene	6.945	146	292623	42.86	ng		96
15) Benzyl Alcohol	6.928	79	317277	45.95	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	656110	44.66	ng		95
17) 2-Methylphenol	7.045	107	264742	45.17	ng		92
18) Hexachloroethane	7.292	117	140354	50.44	ng		94
19) n-Nitroso-di-n-propyla...	7.192	70	270248	49.69	ng		95
20) 3+4-Methylphenols	7.198	107	369073	49.49	ng	#	85
22) Acetophenone	7.192	105	528488	37.53	ng	#	97
24) Nitrobenzene	7.363	77	413600	34.60	ng		95
25) Isophorone	7.604	82	791908	36.80	ng		99
26) 2-Nitrophenol	7.681	139	200712	41.14	ng		98
27) 2,4-Dimethylphenol	7.722	122	350587	45.75	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	480751	43.84	ng		99
29) 2,4-Dichlorophenol	7.928	162	322861	42.75	ng		95
30) 1,2,4-Trichlorobenzene	8.004	180	341159	43.11	ng		99
31) Naphthalene	8.086	128	1147003	42.99	ng		99
32) Benzoic acid	7.857	122	206272	40.19	ng		89
33) 4-Chloroaniline	8.134	127	128949	11.58	ng		99
34) Hexachlorobutadiene	8.204	225	214790	44.53	ng		98
35) Caprolactam	8.510	113	111015m	41.87	ng		
36) 4-Chloro-3-methylphenol	8.634	107	422097	44.79	ng		94
37) 2-Methylnaphthalene	8.775	142	790737	45.48	ng		99
38) 1-Methylnaphthalene	8.875	142	713911	43.69	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	342708	41.02	ng		100
41) Hexachlorocyclopentadiene	8.934	237	328287	90.42	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	239820	41.68	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	247713	40.12	ng		100
46) 1,1'-Biphenyl	9.239	154	988361	42.50	ng		99
47) 2-Chloronaphthalene	9.269	162	709099	40.44	ng		97
48) 2-Nitroaniline	9.363	65	304779	39.45	ng		92
49) Acenaphthylene	9.681	152	1201643	42.45	ng		100
50) Dimethylphthalate	9.545	163	871010	43.56	ng		100
51) 2,6-Dinitrotoluene	9.604	165	191031	41.32	ng		98
52) Acenaphthene	9.851	154	672182	38.98	ng		97
53) 3-Nitroaniline	9.775	138	115763	20.97	ng		94
54) 2,4-Dinitrophenol	9.886	184	203633	82.94	ng		95
55) Dibenzofuran	10.028	168	1033280	39.61	ng		100
56) 4-Nitrophenol	9.957	139	272003	67.64	ng		91
57) 2,4-Dinitrotoluene	10.010	165	254450	40.37	ng	#	84
58) Fluorene	10.369	166	839002	41.86	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	201637	41.25	ng		98
60) Diethylphthalate	10.245	149	923099	43.37	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	409047	43.79	ng		98
62) 4-Nitroaniline	10.392	138	209382	38.27	ng		93
63) Azobenzene	10.522	77	1011543	41.34	ng		99
65) 4,6-Dinitro-2-methylph...	10.422	198	134018	39.41	ng		83
66) n-Nitrosodiphenylamine	10.480	169	767035	42.72	ng		99
67) 4-Bromophenyl-phenylether	10.851	248	264130	45.70	ng		96
68) Hexachlorobenzene	10.916	284	289253	43.97	ng		98
69) Atrazine	11.010	200	242727	44.72	ng		99
70) Pentachlorophenol	11.116	266	278165	82.97	ng		100
71) Phenanthrene	11.327	178	1229363	42.70	ng		99
72) Anthracene	11.380	178	1264813	44.19	ng		99
73) Carbazole	11.539	167	1138419	39.35	ng		98
74) Di-n-butylphthalate	11.869	149	1405968	43.29	ng		99
75) Fluoranthene	12.516	202	1245989	39.68	ng		99
77) Benzidine	12.639	184	543417	62.39	ng		99
78) Pyrene	12.745	202	1216552	46.60	ng		98
80) Butylbenzylphthalate	13.369	149	516425	46.30	ng		91
81) Benzo(a)anthracene	13.933	228	862290	42.31	ng		98
82) 3,3'-Dichlorobenzidine	13.898	252	151688	24.23	ng		99
83) Chrysene	13.968	228	851405	41.52	ng		100
84) Bis(2-ethylhexyl)phtha...	13.927	149	617902	44.59	ng		99
85) Di-n-octyl phthalate	14.539	149	958861	43.28	ng		98
87) Indeno(1,2,3-cd)pyrene	16.821	276	706334	37.66	ng	#	95
88) Benzo(b)fluoranthene	14.974	252	842179	38.81	ng		98
89) Benzo(k)fluoranthene	15.004	252	766172	36.99	ng		98
90) Benzo(a)pyrene	15.327	252	811911	43.75	ng		97
91) Dibenzo(a,h)anthracene	16.833	278	564399	35.64	ng		100
92) Benzo(g,h,i)perylene	17.256	276	586035	36.95	ng	#	94

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

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