Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121636.D
Acq On : 21 Sep 2020 20:09
Operator : JU/CG
Sample : L4048-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
mohammad
9/22/2020 10:09:05 AM

Quant Time: Sep 22 01:49:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 21 14:19:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	138718	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	540212	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	277632	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	494438	20.00	ng		0.00
76) Chrysene-d12	14.00	240	320771	20.00	ng		0.00
86) Perylene-d12	15.46	264	327338	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	868972	93.10	ng		0.01
7) Phenol-d6	6.46	99	1135167	92.70	ng		0.00
23) Nitrobenzene-d5	7.39	82	776387	77.17	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	340906	98.80	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1370287	74.75	ng		0.00
79) Terphenyl-d14	12.94	244	1215612	76.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	158246	36.902	ng		99
3) Pyridine	3.36	79	442898	37.360	ng		97
4) n-Nitrosodimethylamine	3.30	42	218639	39.760	ng		98
6) Aniline	6.48	93	297146	18.631	ng	#	90
8) 2-Chlorophenol	6.60	128	408030	42.935	ng		97
9) Benzaldehyde	6.36	77	157343	19.654	ng		97
10) Phenol	6.47	94	516382	39.599	ng		87
11) bis(2-Chloroethyl)ether	6.55	93	401321	40.833	ng		99
12) 1,3-Dichlorobenzene	6.76	146	433686	40.885	ng		97
13) 1,4-Dichlorobenzene	6.83	146	437907	41.114	ng		98
14) 1,2-Dichlorobenzene	6.99	146	421969	43.006	ng		100
15) Benzyl Alcohol	6.96	79	361463	43.427	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	619642	39.179	ng		96
17) 2-Methylphenol	7.08	107	332259	41.090	ng		99
18) Hexachloroethane	7.33	117	163086	42.763	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	286425	40.584	ng		98
20) 3+4-Methylphenols	7.23	107	399113	41.080	ng	#	87
22) Acetophenone	7.23	105	540956	39.468	ng		96
24) Nitrobenzene	7.40	77	439097	40.351	ng		96
25) Isophorone	7.65	82	780188	38.521	ng		98
26) 2-Nitrophenol	7.72	139	211300	41.606	ng		94
27) 2,4-Dimethylphenol	7.76	122	353901	39.145	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	497166	39.651	ng		100
29) 2,4-Dichlorophenol	7.96	162	333185	40.463	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	350116	40.371	ng		98
31) Naphthalene	8.13	128	1177821	41.302	ng		100
32) Benzoic acid	7.87	122	93665	18.815	ng	#	78
33) 4-Chloroaniline	8.17	127	218711	17.693	ng		97
34) Hexachlorobutadiene	8.24	225	212801	41.805	ng		97
35) Caprolactam	8.56	113	100796m	36.758	ng		
36) 4-Chloro-3-methylphenol	8.67	107	356152	40.150	ng		98
37) 2-Methylnaphthalene	8.82	142	829696	44.397	ng		99
38) 1-Methylnaphthalene	8.92	142	717283	41.240	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	349258	40.273	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	258826	52.261	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	237279	40.141	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	245910	39.351	ng		97
46) 1,1'-Biphenyl	9.29	154	892623	40.161	ng		99
47) 2-Chloronaphthalene	9.31	162	686269	39.182	ng		99
48) 2-Nitroaniline	9.40	65	231123	42.464	ng		95
49) Acenaphthylene	9.73	152	1065691	39.600	ng		100
50) Dimethylphthalate	9.59	163	906283	45.039	ng		100
51) 2,6-Dinitrotoluene	9.65	165	179635	41.918	ng		92
52) Acenaphthene	9.90	154	631069	37.127	ng		100
53) 3-Nitroaniline	9.82	138	128249	25.834	ng		96
54) 2,4-Dinitrophenol	9.93	184	72163	34.942	ng		96
55) Dibenzofuran	10.07	168	951594	39.755	ng		100
56) 4-Nitrophenol	9.99	139	275506	69.589	ng		91
57) 2,4-Dinitrotoluene	10.05	165	235368	43.657	ng		93
58) Fluorene	10.42	166	732947	40.041	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	192939	37.978	ng	#	100
60) Diethylphthalate	10.29	149	791452	40.341	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	350246	39.942	ng		99
62) 4-Nitroaniline	10.43	138	168703	34.226	ng		100
63) Azobenzene	10.57	77	789588	37.793	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	77414	28.725	ng		87
66) n-Nitrosodiphenylamine	10.53	169	682386	40.228	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	233133	41.413	ng		93
68) Hexachlorobenzene	10.96	284	259388	40.830	ng		98
69) Atrazine	11.05	200	161883	38.412	ng		98
70) Pentachlorophenol	11.16	266	202761	58.115	ng		99
71) Phenanthrene	11.37	178	1160755	43.088	ng		100
72) Anthracene	11.43	178	1105694	39.773	ng		100
73) Carbazole	11.59	167	959812	38.260	ng		99
74) Di-n-butylphthalate	11.92	149	1177223	40.658	ng		100
75) Fluoranthene	12.57	202	1216289	42.295	ng		99
77) Benzidine	12.69	184	249461	23.458	ng		96
78) Pyrene	12.80	202	1180542	50.372	ng		100
80) Butylbenzylphthalate	13.42	149	421619	44.482	ng		98
81) Benzo(a)anthracene	13.99	228	901660	44.431	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	177358	22.386	ng		99
83) Chrysene	14.02	228	888832	43.252	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	540509	42.686	ng		99
85) Di-n-octyl phthalate	14.59	149	870307	38.946	ng		99
87) Indeno(1,2,3-cd)pyrene	16.92	276	1073981	50.381	ng		99
88) Benzo(b)fluoranthene	15.03	252	1030702	47.101	ng		99
89) Benzo(k)fluoranthene	15.06	252	750729	37.463	ng		99
90) Benzo(a)pyrene	15.40	252	833078	44.786	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	853472	48.096	ng		99
92) Benzo(g,h,i)perylene	17.36	276	931357	53.394	ng		99

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

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