Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110619\
Data File : BF117701.D
Acq On : 6 Nov 2019 15:47
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
Sohil
11/8/2019 3:30:33 PM

Quant Time: Nov 06 16:16:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	396376	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	1391470	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	738728	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	1321383	20.00	ng		0.00
76) Chrysene-d12	14.13	240	767593	20.00	ng		0.00
87) Perylene-d12	15.64	264	756484	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	3630651	151.18	ng		0.01
7) Phenol-d6	6.57	99	4433007	149.49	ng		0.02
23) Nitrobenzene-d5	7.52	82	4278966	189.45	ng		0.02
42) 2,4,6-Tribromophenol	10.79	330	1261053	175.16	ng		0.02
45) 2-Fluorobiphenyl	9.32	172	5990594	155.52	ng		0.01
79) Terphenyl-d14	13.08	244	6311189	170.74	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	997559	89.164	ng		99
3) Pyridine	3.53	79	2805003	92.883	ng		99
4) n-Nitrosodimethylamine	3.52	42	1231420	90.035	ng		99
6) Aniline	6.62	93	3374192	83.852	ng		99
8) 2-Chlorophenol	6.73	128	1984126	80.533	ng		97
9) Benzaldehyde	6.49	77	1382068	88.573	ng		98
10) Phenol	6.59	94	2393243m	80.815	ng		
11) bis(2-Chloroethyl)ether	6.69	93	2031628	83.579	ng		97
12) 1,3-Dichlorobenzene	6.89	146	2334470	82.075	ng		97
13) 1,4-Dichlorobenzene	6.96	146	2285377	80.007	ng		94
14) 1,2-Dichlorobenzene	7.12	146	1971861	75.352	ng		96
15) Benzyl Alcohol	7.09	79	1782300	81.911	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	3127125	80.850	ng		95
17) 2-Methylphenol	7.19	107	1845344	86.774	ng		98
18) Hexachloroethane	7.46	117	898918	84.953	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	1537240	85.197	ng		98
20) 3+4-Methylphenols	7.36	107	1903837	75.891	ng	#	76
22) Acetophenone	7.36	105	2712565	86.555	ng		96
24) Nitrobenzene	7.54	77	2228187	95.834	ng		96
25) Isophorone	7.78	82	4338591	100.196	ng		99
26) 2-Nitrophenol	7.85	139	1148342	112.253	ng		98
27) 2,4-Dimethylphenol	7.88	122	1785525	96.467	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	2589532	94.712	ng		98
29) 2,4-Dichlorophenol	8.09	162	1827884	98.075	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	1984820	92.914	ng		98
31) Naphthalene	8.26	128	5107151	84.418	ng		95
32) Benzoic acid	8.05	122	1675256	121.439	ng		98
33) 4-Chloroaniline	8.30	127	2670391	93.525	ng		96
34) Hexachlorobutadiene	8.37	225	1136565	92.956	ng		98
35) Caprolactam	8.71	113	684401m	108.620	ng		
36) 4-Chloro-3-methylphenol	8.79	107	1872662	98.727	ng		99
37) 2-Methylnaphthalene	8.95	142	3567980	86.879	ng		97
38) 1-Methylnaphthalene	9.05	142	3368554	86.583	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	1676786	85.664	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.10	237	1018426	94.239	ng		98
43) 2,4,6-Trichlorophenol	9.22	196	1378297	102.043	ng		98
44) 2,4,5-Trichlorophenol	9.26	196	1353501	99.613	ng		99
46) 1,1'-Biphenyl	9.42	154	4111140	80.298	ng		96
47) 2-Chloronaphthalene	9.44	162	3538558	86.555	ng		93
48) 2-Nitroaniline	9.53	65	1285662	104.605	ng		97
49) Acenaphthylene	9.86	152	4912277	81.611	ng		95
50) Dimethylphthalate	9.73	163	4381172	93.352	ng		99
51) 2,6-Dinitrotoluene	9.78	165	1041394	102.031	ng		99
52) Acenaphthene	10.03	154	3379194	88.977	ng		98
53) 3-Nitroaniline	9.95	138	1267136	101.999	ng		97
54) 2,4-Dinitrophenol	10.05	184	457650	138.497	ng	#	82
55) Dibenzofuran	10.20	168	4455827	83.356	ng		90
56) 4-Nitrophenol	10.10	139	999311	108.551	ng		98
57) 2,4-Dinitrotoluene	10.19	165	1328761	103.671	ng	#	88
58) Fluorene	10.55	166	3202103	80.801	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	1099571	100.557	ng		98
60) Diethylphthalate	10.42	149	4069826	88.388	ng		96
61) 4-Chlorophenyl-phenylether	10.53	204	1693963	82.646	ng		94
62) 4-Nitroaniline	10.58	138	1258019	103.940	ng		96
63) Azobenzene	10.70	77	3824869	86.494	ng		93
65) 4,6-Dinitro-2-methylphenol	10.60	198	591437	124.294	ng		96
66) n-Nitrosodiphenylamine	10.66	169	3269721	85.300	ng		98
67) 4-Bromophenyl-phenylether	11.03	248	1261541	90.248	ng	#	91
68) Hexachlorobenzene	11.10	284	1417452	87.427	ng		99
69) Atrazine	11.19	200	1131853	142.882	ng		99
70) Pentachlorophenol	11.29	266	886305	107.895	ng		99
71) Phenanthrene	11.52	178	4948853	79.851	ng		96
72) Anthracene	11.57	178	4799887	77.070	ng		94
73) Carbazole	11.72	167	4651748	81.697	ng		94
74) Di-n-butylphthalate	12.05	149	5380453	78.727	ng	#	94
75) Fluoranthene	12.70	202	5053074	79.969	ng		98
77) Benzidine	12.82	184	2284951	151.446	ng	#	92
78) Pyrene	12.94	202	5034636	93.304	ng		95
80) Butylbenzylphthalate	13.55	149	2517191	102.646	ng		96
81) Benzo(a)anthracene	14.13	228	4157210	91.895	ng		97
82) 3,3'-Dichlorobenzidine	14.09	252	1531021	93.868	ng		100
83) Chrysene	14.17	228	4089648	91.892	ng		96
84) Bis(2-ethylhexyl)phthalate	14.11	149	3007156	95.813	ng		96
85) Di-n-octyl phthalate	14.73	149	4741157	97.387	ng		98
86) Indeno(1,2,3-cd)pyrene	17.20	276	4624908	110.805	ng		100
88) Benzo(b)fluoranthene	15.20	252	4266926	95.106	ng		98
89) Benzo(k)fluoranthene	15.24	252	3451588	83.146	ng		97
90) Benzo(a)pyrene	15.59	252	3892148	98.741	ng		98
91) Dibenzo(a,h)anthracene	17.23	278	3675432	104.751	ng		98
92) Benzo(g,h,i)perylene	17.67	276	3780774	110.254	ng		99

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

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