Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117073.D
Acq On : 16 Sep 2019 21:05
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:59 PM

Quant Time: Sep 17 11:45:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	49993	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	206540	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	93061	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	132746	20.00	ng		0.00
76) Chrysene-d12	13.97	240	99621	20.00	ng		0.00
87) Perylene-d12	15.42	264	67226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	249564	77.94	ng		0.00
7) Phenol-d6	6.47	99	321848	77.77	ng		0.01
23) Nitrobenzene-d5	7.39	82	304821	77.54	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	51943	66.78	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	497132	83.53	ng		0.00
79) Terphenyl-d14	12.92	244	429935	80.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	50918	38.001	ng		99
3) Pyridine	3.28	79	139127	37.935	ng		97
4) n-Nitrosodimethylamine	3.22	42	47165	37.474	ng		98
6) Aniline	6.49	93	207186	38.886	ng	#	87
8) 2-Chlorophenol	6.62	128	133114	38.534	ng		98
9) Benzaldehyde	6.37	77	92558	46.234	ng		98
10) Phenol	6.48	94	178777	39.187	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	124747	37.205	ng		98
12) 1,3-Dichlorobenzene	6.77	146	152430	39.323	ng		99
13) 1,4-Dichlorobenzene	6.85	146	151327	38.254	ng		99
14) 1,2-Dichlorobenzene	7.00	146	142849	38.785	ng		98
15) Benzyl Alcohol	6.97	79	119369	37.615	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	120131	36.264	ng		96
17) 2-Methylphenol	7.09	107	111795	38.615	ng		95
18) Hexachloroethane	7.34	117	36787	24.173	ng		91
19) n-Nitroso-di-n-propylamine	7.24	70	95370	37.847	ng		97
20) 3+4-Methylphenols	7.24	107	148383	41.147	ng	#	87
22) Acetophenone	7.23	105	206036	39.263	ng		97
24) Nitrobenzene	7.41	77	149050	38.396	ng		93
25) Isophorone	7.65	82	256172	36.806	ng		99
26) 2-Nitrophenol	7.72	139	36189	21.704	ng		91
27) 2,4-Dimethylphenol	7.76	122	98030	37.074	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	159340	37.158	ng		98
29) 2,4-Dichlorophenol	7.97	162	100029	36.103	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	111402	37.217	ng		96
31) Naphthalene	8.13	128	373633	37.614	ng		99
32) Benzoic acid	7.85	122	38043m	23.030	ng		
33) 4-Chloroaniline	8.17	127	164105	37.248	ng		99
34) Hexachlorobutadiene	8.25	225	63650	37.480	ng		98
35) Caprolactam	8.54	113	33026	35.217	ng		91
36) 4-Chloro-3-methylphenol	8.66	107	115811	35.848	ng		95
37) 2-Methylnaphthalene	8.82	142	243590	36.416	ng		99
38) 1-Methylnaphthalene	8.92	142	229659	36.659	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	98754	41.095	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.10	196	60583	37.149	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	62904	36.103	ng		96
46) 1,1'-Biphenyl	9.28	154	300351	41.146	ng		96
47) 2-Chloronaphthalene	9.30	162	228780	39.712	ng		99
48) 2-Nitroaniline	9.40	65	80293	43.452	ng		92
49) Acenaphthylene	9.72	152	330103	38.249	ng		100
50) Dimethylphthalate	9.57	163	262531	39.843	ng		99
51) 2,6-Dinitrotoluene	9.64	165	43641	32.519	ng		95
52) Acenaphthene	9.89	154	193703	37.863	ng		100
53) 3-Nitroaniline	9.81	138	73936	43.666	ng		98
55) Dibenzofuran	10.06	168	283450	37.552	ng		97
56) 4-Nitrophenol	9.98	139	28721	26.172	ng		96
57) 2,4-Dinitrotoluene	10.05	165	50619	29.058	ng		98
58) Fluorene	10.40	166	218856	35.994	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	46154	34.615	ng		98
60) Diethylphthalate	10.27	149	250262	38.605	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	100905	38.356	ng		98
62) 4-Nitroaniline	10.42	138	73134	41.533	ng		97
63) Azobenzene	10.55	77	235777	35.611	ng		97
65) 4,6-Dinitro-2-methylphenol	10.18	198	2270	10.116	ng	#	31
66) n-Nitrosodiphenylamine	10.51	169	190726	41.602	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	54794	40.419	ng		98
68) Hexachlorobenzene	10.96	284	56690	38.233	ng		98
69) Atrazine	11.03	200	43115	35.752	ng		96
70) Pentachlorophenol	11.15	266	24096	34.669	ng		97
71) Phenanthrene	11.36	178	290762	38.563	ng		100
72) Anthracene	11.42	178	300784	39.075	ng		99
73) Carbazole	11.57	167	286084	39.154	ng		99
74) Di-n-butylphthalate	11.89	149	349791	40.237	ng		98
75) Fluoranthene	12.54	202	311593	40.220	ng		98
77) Benzidine	12.67	184	165202	51.480	ng		99
78) Pyrene	12.77	202	321146	38.419	ng		100
80) Butylbenzylphthalate	13.39	149	157394	39.849	ng		97
81) Benzo(a)anthracene	13.96	228	251343	37.763	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	92962	43.343	ng		100
83) Chrysene	14.00	228	245954	37.888	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	210063	41.249	ng		99
85) Di-n-octyl phthalate	14.55	149	347914	43.405	ng		100
86) Indeno(1,2,3-cd)pyrene	16.86	276	145160	30.650	ng		99
88) Benzo(b)fluoranthene	15.00	252	149143	36.625	ng		100
89) Benzo(k)fluoranthene	15.03	252	166187	43.082	ng		96
90) Benzo(a)pyrene	15.36	252	135188	37.832	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	116495	40.924	ng		96
92) Benzo(g,h,i)perylene	17.29	276	113728	40.092	ng		95

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

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