Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100319\
Data File : BF117316.D
Acq On : 3 Oct 2019 13:54
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/7/2019 8:25:41 AM

Quant Time: Oct 04 02:24:28 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	6.81	152	88624	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	385186	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	201211	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	327036	20.00	ng		0.00
76) Chrysene-d12	13.98	240	203305	20.00	ng		0.00
87) Perylene-d12	15.43	264	177118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	449882	79.25	ng		0.00
7) Phenol-d6	6.46	99	613237	83.59	ng		0.00
23) Nitrobenzene-d5	7.38	82	607008	82.80	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	132744	78.94	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1054843	81.97	ng		0.00
79) Terphenyl-d14	12.92	244	1002361	92.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	86557	36.440	ng		98
3) Pyridine	3.28	79	242830	37.350	ng		99
4) n-Nitrosodimethylamine	3.25	42	88923	39.855	ng		91
6) Aniline	6.48	93	388373	41.118	ng	#	65
8) 2-Chlorophenol	6.60	128	254531	41.564	ng		99
9) Benzaldehyde	6.36	77	145740	39.685	ng		99
10) Phenol	6.47	94	329954	40.799	ng		80
11) bis(2-Chloroethyl)ether	6.55	93	257784	43.369	ng		97
12) 1,3-Dichlorobenzene	6.75	146	277259	40.348	ng		97
13) 1,4-Dichlorobenzene	6.83	146	283997	40.497	ng		98
14) 1,2-Dichlorobenzene	6.98	146	266706	40.849	ng		97
15) Benzyl Alcohol	6.96	79	237071	42.141	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	259248	44.146	ng		65
17) 2-Methylphenol	7.07	107	218248	42.524	ng	#	86
18) Hexachloroethane	7.32	117	108601	40.255	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	200051	44.783	ng		97
20) 3+4-Methylphenols	7.23	107	278260	43.527	ng	#	73
22) Acetophenone	7.23	105	405490	41.434	ng	#	99
24) Nitrobenzene	7.40	77	293181	40.497	ng		98
25) Isophorone	7.64	82	540842	41.667	ng		98
26) 2-Nitrophenol	7.71	139	138258	44.461	ng		96
27) 2,4-Dimethylphenol	7.75	122	202327	41.029	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	332483	41.575	ng		100
29) 2,4-Dichlorophenol	7.96	162	215399	41.687	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	224708	40.253	ng		98
31) Naphthalene	8.12	128	759181	40.981	ng		98
32) Benzoic acid	7.93	122	131438	37.044	ng		92
33) 4-Chloroaniline	8.16	127	332525	40.471	ng		98
34) Hexachlorobutadiene	8.23	225	128685	40.631	ng		99
35) Caprolactam	8.57	113	69335m	39.644	ng		
36) 4-Chloro-3-methylphenol	8.66	107	245842	40.804	ng		99
37) 2-Methylnaphthalene	8.80	142	514502	41.244	ng		99
38) 1-Methylnaphthalene	8.90	142	487381	41.715	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	210870	40.585	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	82648	40.303	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	143181	40.607	ng		99
44) 2,4,5-Trichlorophenol	9.14	196	145838	38.712	ng		96
46) 1,1'-Biphenyl	9.27	154	638065	40.427	ng		99
47) 2-Chloronaphthalene	9.30	162	502383	40.332	ng		98
48) 2-Nitroaniline	9.40	65	164559	41.188	ng		98
49) Acenaphthylene	9.71	152	727893	39.008	ng		100
50) Dimethylphthalate	9.57	163	564375	39.614	ng		99
51) 2,6-Dinitrotoluene	9.64	165	123383	42.522	ng	#	88
52) Acenaphthene	9.88	154	448680	40.563	ng		97
53) 3-Nitroaniline	9.82	138	148153	40.469	ng		94
54) 2,4-Dinitrophenol	9.93	184	47809	42.953	ng		95
55) Dibenzofuran	10.05	168	649543	39.800	ng		100
56) 4-Nitrophenol	9.99	139	79889	33.670	ng		95
57) 2,4-Dinitrotoluene	10.05	165	159461	42.337	ng	#	83
58) Fluorene	10.40	166	540202	41.091	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	111210	38.576	ng		98
60) Diethylphthalate	10.27	149	564760	40.293	ng		96
61) 4-Chlorophenyl-phenylether	10.38	204	240066	42.206	ng		98
62) 4-Nitroaniline	10.44	138	153201	40.240	ng		94
63) Azobenzene	10.55	77	581033	40.588	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	72075	48.316	ng		93
66) n-Nitrosodiphenylamine	10.50	169	462089	40.913	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	138773	41.551	ng		99
68) Hexachlorobenzene	10.95	284	145011	39.697	ng		96
69) Atrazine	11.03	200	114492	39.398	ng		97
70) Pentachlorophenol	11.15	266	65136	38.040	ng		96
71) Phenanthrene	11.36	178	745482	40.133	ng		99
72) Anthracene	11.41	178	763824	40.277	ng		99
73) Carbazole	11.57	167	707413	39.299	ng		100
74) Di-n-butylphthalate	11.89	149	918079	42.867	ng		99
75) Fluoranthene	12.54	202	737981	38.665	ng		98
77) Benzidine	12.66	184	292704	44.695	ng		99
78) Pyrene	12.77	202	736156	43.154	ng		99
80) Butylbenzylphthalate	13.38	149	360805	44.762	ng		99
81) Benzo(a)anthracene	13.97	228	556920	41.001	ng		98
82) 3,3'-Dichlorobenzidine	13.92	252	178524	40.786	ng		99
83) Chrysene	14.00	228	523409	39.509	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	485592	46.723	ng		99
85) Di-n-octyl phthalate	14.54	149	713492	43.618	ng		99
86) Indeno(1,2,3-cd)pyrene	16.90	276	425434	44.017	ng		99
88) Benzo(b)fluoranthene	15.01	252	414729	38.656	ng		99
89) Benzo(k)fluoranthene	15.04	252	417558	41.086	ng		99
90) Benzo(a)pyrene	15.37	252	383530	40.738	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	354772	47.303	ng		99
92) Benzo(g,h,i)perylene	17.33	276	343843	46.007	ng		97

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

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