Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
Data File : BF116016.D
Acq On : 6 Aug 2019 16:37
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/7/2019 4:42:02 PM

Quant Time: Aug 07 07:29:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 15:31:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	153551	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	643010	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	351991	20.00	ng		-0.02
64) Phenanthrene-d10	11.37	188	607241	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	435863	20.00	ng		-0.02
87) Perylene-d12	15.47	264	441923	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	764624	83.36	ng		0.00
7) Phenol-d6	6.49	99	968582	83.70	ng		0.00
23) Nitrobenzene-d5	7.41	82	920631	82.65	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	285796	83.75	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	1541848	82.05	ng		-0.01
79) Terphenyl-d14	12.95	244	1737942	84.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	182170	39.314	ng		99
3) Pyridine	3.36	79	494602	38.210	ng		99
4) n-Nitrosodimethylamine	3.32	42	202084	39.561	ng		98
6) Aniline	6.51	93	671162	40.497	ng		97
8) 2-Chlorophenol	6.63	128	437567	43.141	ng		99
9) Benzaldehyde	6.40	77	296877	37.180	ng		99
10) Phenol	6.50	94	567442	41.638	ng		88
11) bis(2-Chloroethyl)ether	6.58	93	434965	43.413	ng		99
12) 1,3-Dichlorobenzene	6.79	146	488268	41.654	ng		97
13) 1,4-Dichlorobenzene	6.86	146	491541	41.880	ng		99
14) 1,2-Dichlorobenzene	7.02	146	453222	41.937	ng		98
15) Benzyl Alcohol	6.99	79	375868	42.798	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	599167	43.842	ng		95
17) 2-Methylphenol	7.10	107	368653	42.925	ng		99
18) Hexachloroethane	7.36	117	185389	42.902	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	314212	43.816	ng		99
20) 3+4-Methylphenols	7.26	107	435091	42.810	ng	#	83
22) Acetophenone	7.26	105	587529	41.663	ng		98
24) Nitrobenzene	7.43	77	505379	42.016	ng		100
25) Isophorone	7.67	82	919063	43.147	ng		99
26) 2-Nitrophenol	7.75	139	249868	44.070	ng		100
27) 2,4-Dimethylphenol	7.78	122	354206	41.524	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	572309	43.349	ng		99
29) 2,4-Dichlorophenol	7.99	162	388418	43.125	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	430801	41.960	ng		99
31) Naphthalene	8.15	128	1281094	42.338	ng		100
32) Benzoic acid	7.93	122	253658	42.178	ng		99
33) 4-Chloroaniline	8.20	127	564766	41.773	ng		99
34) Hexachlorobutadiene	8.27	225	250841	42.417	ng		100
35) Caprolactam	8.58	113	121352	41.659	ng		98
36) 4-Chloro-3-methylphenol	8.69	107	408632	43.611	ng		99
37) 2-Methylnaphthalene	8.84	142	853117	42.810	ng		99
38) 1-Methylnaphthalene	8.94	142	816201	43.294	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	397933	42.288	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	157719	40.493 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	261469	40.368 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	274038	40.929 ng	99
46) 1,1'-Biphenyl	9.30	154	1030638	41.474 ng	100
47) 2-Chloronaphthalene	9.33	162	845502	40.879 ng	97
48) 2-Nitroaniline	9.43	65	278744	40.773 ng	94
49) Acenaphthylene	9.75	152	1261452	41.805 ng	99
50) Dimethylphthalate	9.60	163	1018404	42.493 ng	100
51) 2,6-Dinitrotoluene	9.67	165	219655	42.174 ng	90
52) Acenaphthene	9.92	154	762449	41.188 ng	99
53) 3-Nitroaniline	9.84	138	257208	39.966 ng	93
54) 2,4-Dinitrophenol	9.95	184	91524	38.988 ng	97
55) Dibenzofuran	10.09	168	1122358	41.691 ng	96
56) 4-Nitrophenol	10.00	139	153765	37.298 ng	92
57) 2,4-Dinitrotoluene	10.07	165	286899	41.373 ng	91
58) Fluorene	10.43	166	873410	42.169 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	236762	42.032 ng	96
60) Diethylphthalate	10.30	149	956126	42.730 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	449360	42.838 ng	97
62) 4-Nitroaniline	10.46	138	263885	39.677 ng	98
63) Azobenzene	10.58	77	986415	42.860 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	143801	44.687 ng	95
66) n-Nitrosodiphenylamine	10.54	169	777298	42.528 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	281919	43.369 ng	94
68) Hexachlorobenzene	10.99	284	320608	42.652 ng	96
69) Atrazine	11.06	200	194422	32.334 ng	100
70) Pentachlorophenol	11.18	266	135995	37.265 ng	100
71) Phenanthrene	11.39	178	1295334	41.726 ng	100
72) Anthracene	11.44	178	1309534	41.682 ng	99
73) Carbazole	11.60	167	1194444	41.905 ng	99
74) Di-n-butylphthalate	11.92	149	1503733	45.224 ng	100
75) Fluoranthene	12.58	202	1352746	41.624 ng	98
77) Benzidine	12.70	184	614994	41.764 ng	97
78) Pyrene	12.81	202	1381120	42.036 ng	99
80) Butylbenzylphthalate	13.42	149	638562	45.946 ng	96
81) Benzo(a)anthracene	14.00	228	1207710	43.351 ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	435436	44.989 ng	98
83) Chrysene	14.03	228	1159433	42.868 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	879919m	48.720 ng	
85) Di-n-octyl phthalate	14.59	149	1363366	47.526 ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	919546	40.480 ng	99
88) Benzo(b)fluoranthene	15.04	252	1053411	41.225 ng	97
89) Benzo(k)fluoranthene	15.07	252	1044210	41.956 ng	99
90) Benzo(a)pyrene	15.41	252	945129	41.377 ng	98
91) Dibenzo(a,h)anthracene	16.95	278	762734	38.576 ng	99
92) Benzo(g,h,i)perylene	17.38	276	712579	36.697 ng	99

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

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