Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040919\
Data File : BF113678.D
Acq On : 10 Apr 2019 1:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/10/2019 6:20:43 PM

Quant Time: Apr 10 05:09:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	107463	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	427729	20.00	ng		0.00
39) Acenaphthene-d10	9.71	164	199613	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	359242	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	318776	20.00	ng		-0.02
87) Perylene-d12	15.23	264	322398	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	562053	89.19	ng		-0.01
7) Phenol-d6	6.33	99	698681	89.95	ng		0.00
23) Nitrobenzene-d5	7.25	82	637440	87.29	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	197024	82.17	ng		-0.01
45) 2-Fluorobiphenyl	9.04	172	1175385	94.80	ng		-0.01
79) Terphenyl-d14	12.77	244	1127398	72.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	114154	38.246	ng		100
3) Pyridine	2.96	79	298651	38.234	ng		98
4) n-Nitrosodimethylamine	2.90	42	139963	42.173	ng		95
6) Aniline	6.35	93	430932	45.772	ng		94
8) 2-Chlorophenol	6.47	128	333049	45.678	ng		98
9) Benzaldehyde	6.23	77	201626	43.657	ng		99
10) Phenol	6.35	94	399495	45.034	ng		93
11) bis(2-Chloroethyl)ether	6.42	93	310900	45.054	ng		99
12) 1,3-Dichlorobenzene	6.62	146	348128	44.336	ng		97
13) 1,4-Dichlorobenzene	6.70	146	356806	44.967	ng		98
14) 1,2-Dichlorobenzene	6.85	146	327753	45.761	ng		98
15) Benzyl Alcohol	6.83	79	191754	36.512	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	477833	44.487	ng		80
17) 2-Methylphenol	6.95	107	261828	46.337	ng		95
18) Hexachloroethane	7.19	117	121760	42.158	ng		99
19) n-Nitroso-di-n-propylamine	7.10	70	219085	45.742	ng		98
20) 3+4-Methylphenols	7.11	107	347440	50.747	ng		94
22) Acetophenone	7.10	105	422174	44.939	ng	#	96
24) Nitrobenzene	7.27	77	343527	45.681	ng		98
25) Isophorone	7.51	82	601167	42.737	ng		100
26) 2-Nitrophenol	7.59	139	174323	43.071	ng		93
27) 2,4-Dimethylphenol	7.63	122	255010	44.073	ng		96
28) bis(2-Chloroethoxy)methane	7.72	93	397548	44.702	ng		99
29) 2,4-Dichlorophenol	7.84	162	282584	45.646	ng		98
30) 1,2,4-Trichlorobenzene	7.91	180	295051	43.887	ng		97
31) Naphthalene	7.99	128	907520	43.790	ng		99
32) Benzoic acid	7.77	122	95639m	21.346	ng		
33) 4-Chloroaniline	8.04	127	390836	47.561	ng		99
34) Hexachlorobutadiene	8.10	225	179780	43.862	ng		99
35) Caprolactam	8.42	113	87633	44.593	ng		95
36) 4-Chloro-3-methylphenol	8.54	107	283978	45.696	ng		98
37) 2-Methylnaphthalene	8.67	142	593897	43.571	ng		99
38) 1-Methylnaphthalene	8.77	142	571288	43.466	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	294809	45.667	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	13948	18.500	ng	96
43) 2,4,6-Trichlorophenol	8.96	196	174124	42.730	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	184181	42.100	ng	97
46) 1,1'-Biphenyl	9.14	154	751541	45.626	ng	100
47) 2-Chloronaphthalene	9.16	162	560119	44.912	ng	99
48) 2-Nitroaniline	9.26	65	178190	46.694	ng	94
49) Acenaphthylene	9.57	152	901909	44.473	ng	99
50) Dimethylphthalate	9.44	163	654671	44.493	ng	100
51) 2,6-Dinitrotoluene	9.51	165	146633	45.209	ng	87
52) Acenaphthene	9.75	154	516045	44.453	ng	99
53) 3-Nitroaniline	9.68	138	170584	46.259	ng	96
54) 2,4-Dinitrophenol	9.80	184	46864	30.884	ng	95
55) Dibenzofuran	9.92	168	755580	44.370	ng	100
56) 4-Nitrophenol	9.87	139	64866	28.357	ng	94
57) 2,4-Dinitrotoluene	9.92	165	173937	44.342	ng	97
58) Fluorene	10.26	166	594276	44.123	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	153283	40.478	ng	97
60) Diethylphthalate	10.13	149	645458	45.498	ng	100
61) 4-Chlorophenyl-phenylether	10.25	204	303481	45.810	ng	94
62) 4-Nitroaniline	10.29	138	152787	40.745	ng	99
63) Azobenzene	10.41	77	582968	43.400	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	34436	18.208	ng	97
66) n-Nitrosodiphenylamine	10.37	169	537495	48.737	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	194090	48.173	ng	93
68) Hexachlorobenzene	10.82	284	209385	45.355	ng	99
69) Atrazine	10.90	200	151004	43.440	ng	96
70) Pentachlorophenol	11.02	266	70498m	32.407	ng	
71) Phenanthrene	11.22	178	802134	44.935	ng	99
72) Anthracene	11.27	178	822110	45.265	ng	99
73) Carbazole	11.43	167	774684	45.605	ng	99
74) Di-n-butylphthalate	11.76	149	961538	47.584	ng	99
75) Fluoranthene	12.40	202	838514	43.835	ng	99
77) Benzidine	12.53	184	554350	46.764	ng	97
78) Pyrene	12.63	202	857415	35.350	ng	99
80) Butylbenzylphthalate	13.24	149	369914	37.466	ng	96
81) Benzo(a)anthracene	13.82	228	804171	43.732	ng	99
82) 3,3'-Dichlorobenzidine	13.78	252	323121	45.621	ng	99
83) Chrysene	13.86	228	807561	43.322	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	504863	42.292	ng	100
85) Di-n-octyl phthalate	14.41	149	900039	46.384	ng	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	750594	43.612	ng	99
88) Benzo(b)fluoranthene	14.84	252	839993	42.564	ng	99
89) Benzo(k)fluoranthene	14.87	252	785215	44.334	ng	100
90) Benzo(a)pyrene	15.18	252	765670	43.662	ng	100
91) Dibenzo(a,h)anthracene	16.60	278	633871	38.653	ng	99
92) Benzo(g,h,i)perylene	17.00	276	597363	35.688	ng	98

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

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