Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
Data File : BF113437.D
Acq On : 30 Mar 2019 3:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/1/2019 5:46:42 PM

Quant Time: Mar 30 05:31:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	120306	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	467031	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	227180	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	451662	20.00	ng	0.00
76) Chrysene-d12	13.85	240	410368	20.00	ng	0.00
87) Perylene-d12	15.25	264	367421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	598689	81.37	ng	0.00
7) Phenol-d6	6.36	99	735190	78.99	ng	0.00
23) Nitrobenzene-d5	7.27	82	662740	84.23	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	220114	78.44	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1228367	84.68	ng	0.00
79) Terphenyl-d14	12.80	244	1422606	76.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	135794	36.376	ng	97
3) Pyridine	3.02	79	366946	39.873	ng	96
4) n-Nitrosodimethylamine	2.95	42	147630	36.085	ng	89
6) Aniline	6.37	93	460130	40.594	ng	96
8) 2-Chlorophenol	6.49	128	343430	40.195	ng	100
9) Benzaldehyde	6.25	77	248575	39.798	ng	99
10) Phenol	6.37	94	418749	39.407	ng	99
11) bis(2-Chloroethyl)ether	6.45	93	315667	38.754	ng	98
12) 1,3-Dichlorobenzene	6.65	146	366660	39.811	ng	99
13) 1,4-Dichlorobenzene	6.72	146	371073	41.729	ng	100
14) 1,2-Dichlorobenzene	6.88	146	341495	39.035	ng	96
15) Benzyl Alcohol	6.86	79	249419	40.619	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	497982	40.697	ng	93
17) 2-Methylphenol	6.97	107	263463	39.347	ng	98
18) Hexachloroethane	7.22	117	116564	36.495	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	222549	38.065	ng	97
20) 3+4-Methylphenols	7.13	107	336619	43.521	ng	96
22) Acetophenone	7.12	105	433618	40.712	ng	98
24) Nitrobenzene	7.29	77	347614	42.335	ng	99
25) Isophorone	7.53	82	611737	40.117	ng	97
26) 2-Nitrophenol	7.61	139	170213	39.218	ng	90
27) 2,4-Dimethylphenol	7.65	122	264040	42.292	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	403947	42.065	ng	99
29) 2,4-Dichlorophenol	7.86	162	286106	42.288	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	303842	41.625	ng	98
31) Naphthalene	8.01	128	953931	41.798	ng	99
32) Benzoic acid	7.76	122	98738m	19.647	ng	
33) 4-Chloroaniline	8.06	127	400526	45.005	ng	99
34) Hexachlorobutadiene	8.13	225	181678	41.876	ng	98
35) Caprolactam	8.43	113	92352	42.532	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	290311	42.662	ng	97
37) 2-Methylnaphthalene	8.70	142	626880	44.021	ng	98
38) 1-Methylnaphthalene	8.80	142	603272	44.043	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	300567	41.216	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	7149	2.316	ng		98
43) 2,4,6-Trichlorophenol	8.99	196	185330	39.027	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	199714	38.001	ng		97
46) 1,1'-Biphenyl	9.16	154	775658	40.880	ng		98
47) 2-Chloronaphthalene	9.19	162	584582	40.015	ng		100
48) 2-Nitroaniline	9.29	65	190044	41.453	ng		99
49) Acenaphthylene	9.60	152	985852	41.736	ng		100
50) Dimethylphthalate	9.46	163	695537	41.313	ng		100
51) 2,6-Dinitrotoluene	9.53	165	151242	39.820	ng		97
52) Acenaphthene	9.77	154	546306	41.068	ng		99
53) 3-Nitroaniline	9.70	138	187798	43.845	ng		97
54) 2,4-Dinitrophenol	9.82	184	9322	4.935	ng	#	87
55) Dibenzofuran	9.95	168	825518	41.280	ng		98
56) 4-Nitrophenol	9.87	139	104565	34.243	ng		92
57) 2,4-Dinitrotoluene	9.93	165	193216	40.003	ng		99
58) Fluorene	10.29	166	646486	41.614	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	166262	37.411	ng		99
60) Diethylphthalate	10.16	149	676297	40.948	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	315990	41.733	ng		97
62) 4-Nitroaniline	10.30	138	194729	44.157	ng		97
63) Azobenzene	10.43	77	638258	41.054	ng		96
65) 4,6-Dinitro-2-methylphenol	10.35	198	19992	8.091	ng		99
66) n-Nitrosodiphenylamine	10.40	169	577214	41.648	ng		98
67) 4-Bromophenyl-phenylether	10.76	248	208219	42.297	ng		95
68) Hexachlorobenzene	10.84	284	235741	41.256	ng		99
69) Atrazine	10.92	200	188318	43.049	ng		96
70) Pentachlorophenol	11.03	266	106054	35.624	ng		98
71) Phenanthrene	11.24	178	940592	41.935	ng		99
72) Anthracene	11.29	178	966939	42.442	ng		100
73) Carbazole	11.45	167	945721	43.503	ng		99
74) Di-n-butylphthalate	11.78	149	1087727	43.147	ng		100
75) Fluoranthene	12.42	202	1059181	41.772	ng		99
77) Benzidine	12.55	184	639094	40.668	ng		99
78) Pyrene	12.65	202	1099640	38.669	ng		99
80) Butylbenzylphthalate	13.27	149	478965	38.218	ng		97
81) Benzo(a)anthracene	13.84	228	972731	41.410	ng		100
82) 3,3'-Dichlorobenzidine	13.80	252	429486	45.576	ng		99
83) Chrysene	13.87	228	979804	41.066	ng		99
84) Bis(2-ethylhexyl)phthalate	13.83	149	620194	40.368	ng		99
85) Di-n-octyl phthalate	14.43	149	1140420	43.730	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	812905	39.699	ng		98
88) Benzo(b)fluoranthene	14.86	252	974591	42.700	ng		99
89) Benzo(k)fluoranthene	14.88	252	810459	40.435	ng		99
90) Benzo(a)pyrene	15.19	252	814846	40.270	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	682707	39.021	ng		99
92) Benzo(g,h,i)perylene	17.02	276	653352	37.036	ng		98

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

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