Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113916.D
Acq On : 23 Apr 2019 13:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/25/2019 6:02:20 PM

Quant Time: Apr 23 16:32:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156453	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	623757	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	333354	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	670268	20.00	ng		0.00
76) Chrysene-d12	14.08	240	511648	20.00	ng		0.01
87) Perylene-d12	15.59	264	452003	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	720843	78.80	ng		0.00
7) Phenol-d6	6.53	99	918608	80.04	ng		0.00
23) Nitrobenzene-d5	7.46	82	857934	84.92	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	336476	82.86	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1688076	79.20	ng		0.00
79) Terphenyl-d14	13.00	244	2049011	82.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	169837	39.387	ng		95
3) Pyridine	3.47	79	461606	39.219	ng		97
4) n-Nitrosodimethylamine	3.42	42	153531	38.107	ng		94
6) Aniline	6.56	93	624507	39.628	ng		99
8) 2-Chlorophenol	6.69	128	421381	40.348	ng		99
9) Benzaldehyde	6.45	77	255676	39.000	ng		97
10) Phenol	6.55	94	546657	39.834	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	408239	39.532	ng		98
12) 1,3-Dichlorobenzene	6.85	146	473715	40.050	ng		97
13) 1,4-Dichlorobenzene	6.92	146	479520	40.307	ng		98
14) 1,2-Dichlorobenzene	7.07	146	445036	40.704	ng		98
15) Benzyl Alcohol	7.04	79	282379	36.533	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	476408	39.519	ng		90
17) 2-Methylphenol	7.15	107	389284	42.524	ng		98
18) Hexachloroethane	7.42	117	168787	40.473	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	293597	39.504	ng		97
20) 3+4-Methylphenols	7.30	107	428650	41.444	ng	#	80
22) Acetophenone	7.31	105	554512	39.949	ng		98
24) Nitrobenzene	7.48	77	463583	41.530	ng		98
25) Isophorone	7.72	82	819518	39.646	ng		99
26) 2-Nitrophenol	7.80	139	234364	46.022	ng		98
27) 2,4-Dimethylphenol	7.83	122	324761	39.142	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	528976	40.159	ng		99
29) 2,4-Dichlorophenol	8.04	162	385567	40.638	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	428952	40.547	ng		100
31) Naphthalene	8.20	128	1206305	40.710	ng		100
32) Benzoic acid	7.95	122	228701m	40.817	ng		
33) 4-Chloroaniline	8.25	127	504828	40.263	ng		99
34) Hexachlorobutadiene	8.33	225	266124	40.353	ng		98
35) Caprolactam	8.62	113	120646	39.973	ng		97
36) 4-Chloro-3-methylphenol	8.73	107	386378	41.105	ng		97
37) 2-Methylnaphthalene	8.90	142	813314	40.702	ng		98
38) 1-Methylnaphthalene	8.99	142	788724	40.896	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	435858	40.251	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	236372	39.145	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	279599	40.663	ng		98
44) 2,4,5-Trichlorophenol	9.22	196	315202	40.869	ng		97
46) 1,1'-Biphenyl	9.36	154	1027224	40.337	ng		99
47) 2-Chloronaphthalene	9.39	162	829883	40.073	ng		99
48) 2-Nitroaniline	9.47	65	234275	43.154	ng		91
49) Acenaphthylene	9.80	152	1316142	40.596	ng		99
50) Dimethylphthalate	9.66	163	978300	40.579	ng		100
51) 2,6-Dinitrotoluene	9.72	165	230175	44.502	ng		97
52) Acenaphthene	9.97	154	783120	40.873	ng		97
53) 3-Nitroaniline	9.89	138	234016	43.057	ng		89
54) 2,4-Dinitrophenol	9.99	184	97032	47.171	ng	#	1
55) Dibenzofuran	10.15	168	1157435	40.328	ng		99
56) 4-Nitrophenol	10.04	139	185490	43.104	ng		96
57) 2,4-Dinitrotoluene	10.12	165	296732	45.452	ng		97
58) Fluorene	10.49	166	879070	40.683	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	280034	41.318	ng		99
60) Diethylphthalate	10.36	149	937761	40.961	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	466461	40.762	ng		99
62) 4-Nitroaniline	10.50	138	231654	43.676	ng		96
63) Azobenzene	10.64	77	894586	40.317	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	135775	44.775	ng		94
66) n-Nitrosodiphenylamine	10.59	169	789940	39.278	ng		99
67) 4-Bromophenyl-phenylether	10.97	248	313651	38.736	ng		92
68) Hexachlorobenzene	11.04	284	347925	39.102	ng		97
69) Atrazine	11.12	200	260316	39.789	ng		99
70) Pentachlorophenol	11.23	266	199924	39.684	ng		95
71) Phenanthrene	11.45	178	1340398	39.792	ng		100
72) Anthracene	11.50	178	1376391	40.463	ng		100
73) Carbazole	11.65	167	1238550	40.812	ng		99
74) Di-n-butylphthalate	11.98	149	1469205	41.156	ng		100
75) Fluoranthene	12.64	202	1465328	39.872	ng		97
77) Benzidine	12.75	184	607149	39.826	ng		100
78) Pyrene	12.87	202	1454405	40.648	ng		99
80) Butylbenzylphthalate	13.48	149	621110	44.120	ng		100
81) Benzo(a)anthracene	14.07	228	1309738	43.447	ng		99
82) 3,3'-Dichlorobenzidine	14.03	252	518329	46.911	ng		99
83) Chrysene	14.11	228	1274057	43.396	ng		98
84) Bis(2-ethylhexyl)phthalate	14.06	149	830971	46.394	ng		99
85) Di-n-octyl phthalate	14.70	149	1345630	47.998	ng		99
86) Indeno(1,2,3-cd)pyrene	17.10	276	1016361	36.547	ng		98
88) Benzo(b)fluoranthene	15.16	252	1180949	41.295	ng		99
89) Benzo(k)fluoranthene	15.19	252	1020860	41.500	ng		99
90) Benzo(a)pyrene	15.53	252	1000875	40.463	ng		100
91) Dibenzo(a,h)anthracene	17.12	278	839459	36.152	ng		100
92) Benzo(g,h,i)perylene	17.55	276	807924	34.478	ng		99

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

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