Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113909.D
Acq On : 23 Apr 2019 6:09
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 23 06:42:05 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	114673	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	406391	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	199802	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	416129	20.00	ng		0.00
76) Chrysene-d12	14.06	240	381716	20.00	ng		0.00
87) Perylene-d12	15.54	264	288862	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	579398	86.42	ng		0.00
7) Phenol-d6	6.53	99	674442	80.18	ng		0.00
23) Nitrobenzene-d5	7.46	82	577864	87.80	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	210077	86.31	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1105359	86.53	ng		0.00
79) Terphenyl-d14	13.00	244	1570651	84.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	141565	44.792	ng		95
3) Pyridine	3.43	79	368515	42.718	ng		98
4) n-Nitrosodimethylamine	3.37	42	122796	41.583	ng		95
6) Aniline	6.56	93	458071	39.657	ng		99
8) 2-Chlorophenol	6.69	128	313951	41.014	ng		98
9) Benzaldehyde	6.45	77	197487	42.026	ng		96
10) Phenol	6.54	94	402578	40.023	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	304782	40.266	ng		96
12) 1,3-Dichlorobenzene	6.85	146	358789	41.386	ng		97
13) 1,4-Dichlorobenzene	6.92	146	356563	40.891	ng		99
14) 1,2-Dichlorobenzene	7.07	146	331952	41.423	ng		97
15) Benzyl Alcohol	7.03	79	226969	40.063	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	343128	38.834	ng		94
17) 2-Methylphenol	7.15	107	256578	38.239	ng		98
18) Hexachloroethane	7.42	117	89149	29.165	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	203734	37.400	ng		97
20) 3+4-Methylphenols	7.30	107	300471	39.635	ng	#	88
22) Acetophenone	7.30	105	386417	42.728	ng		96
24) Nitrobenzene	7.47	77	309712	42.586	ng		98
25) Isophorone	7.72	82	539167	40.034	ng		100
26) 2-Nitrophenol	7.79	139	111269	33.537	ng		95
27) 2,4-Dimethylphenol	7.83	122	215795	39.920	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	357329	41.638	ng		99
29) 2,4-Dichlorophenol	8.03	162	248296	40.167	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	286204	41.524	ng		98
31) Naphthalene	8.20	128	808352	41.871	ng		99
32) Benzoic acid	7.92	122	124234	34.032	ng		97
33) 4-Chloroaniline	8.25	127	326351	39.950	ng		98
34) Hexachlorobutadiene	8.33	225	184443	42.927	ng		98
35) Caprolactam	8.60	113	75563	38.427	ng		94
36) 4-Chloro-3-methylphenol	8.73	107	235289	38.420	ng		98
37) 2-Methylnaphthalene	8.89	142	517593	39.758	ng		99
38) 1-Methylnaphthalene	8.99	142	500020	39.794	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	278977	42.984	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	6200	1.713	ng		97
43) 2,4,6-Trichlorophenol	9.17	196	168263	40.828	ng		98
44) 2,4,5-Trichlorophenol	9.21	196	187963	40.662	ng		98
46) 1,1'-Biphenyl	9.36	154	650676	42.630	ng		99
47) 2-Chloronaphthalene	9.38	162	518146	41.744	ng		97
48) 2-Nitroaniline	9.47	65	155318	47.733	ng		97
49) Acenaphthylene	9.80	152	813238	41.850	ng		99
50) Dimethylphthalate	9.65	163	599958	41.520	ng		99
51) 2,6-Dinitrotoluene	9.71	165	108062	34.858	ng		96
52) Acenaphthene	9.97	154	453549	39.494	ng		97
53) 3-Nitroaniline	9.88	138	161445	49.559	ng		94
54) 2,4-Dinitrophenol	9.99	184	1253	9.156	ng		78
55) Dibenzofuran	10.14	168	723503	42.059	ng		99
56) 4-Nitrophenol	10.03	139	105616	40.948	ng		99
57) 2,4-Dinitrotoluene	10.12	165	128726	32.897	ng		95
58) Fluorene	10.49	166	543935	41.999	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	163674	40.291	ng		99
60) Diethylphthalate	10.35	149	574528	41.869	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	286749	41.807	ng		99
62) 4-Nitroaniline	10.49	138	166185	52.276	ng		94
63) Azobenzene	10.63	77	532125	40.012	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	3071	8.673	ng		97
66) n-Nitrosodiphenylamine	10.59	169	485914	38.917	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	195101	38.811	ng		99
68) Hexachlorobenzene	11.04	284	218749	39.599	ng		96
69) Atrazine	11.12	200	135234	33.294	ng		98
70) Pentachlorophenol	11.23	266	126808	40.543	ng		95
71) Phenanthrene	11.45	178	887039	42.416	ng		100
72) Anthracene	11.50	178	905111	42.859	ng		99
73) Carbazole	11.64	167	835398	44.340	ng		99
74) Di-n-butylphthalate	11.98	149	970004	43.767	ng		99
75) Fluoranthene	12.63	202	1045552	45.825	ng		99
77) Benzidine	12.75	184	745339	65.533	ng		99
78) Pyrene	12.86	202	1058375	39.648	ng		99
80) Butylbenzylphthalate	13.47	149	454594	43.284	ng		98
81) Benzo(a)anthracene	14.05	228	912869	40.590	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	408836	49.596	ng	#	98
83) Chrysene	14.09	228	888158	40.549	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	631941	47.291	ng		99
85) Di-n-octyl phthalate	14.65	149	1028196	49.159	ng		99
86) Indeno(1,2,3-cd)pyrene	17.03	276	682438	32.893	ng		98
88) Benzo(b)fluoranthene	15.11	252	726498	39.751	ng		100
89) Benzo(k)fluoranthene	15.14	252	689923	43.886	ng		99
90) Benzo(a)pyrene	15.48	252	633705	40.088	ng		99
91) Dibenzo(a,h)anthracene	17.05	278	574000	38.681	ng		98
92) Benzo(g,h,i)perylene	17.49	276	544786	36.379	ng		98

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

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