Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113877.D
Acq On : 22 Apr 2019 13:40
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Apr 22 15:04:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 14:58:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178338	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	705947	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	371257	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	723422	20.00	ng		0.00
76) Chrysene-d12	14.07	240	543873	20.00	ng		0.00
87) Perylene-d12	15.57	264	446689	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	847997	79.07	ng		0.00
7) Phenol-d6	6.52	99	1062377	79.43	ng		0.00
23) Nitrobenzene-d5	7.46	82	937614	80.88	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	372042	90.70	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1874345	76.99	ng		0.00
79) Terphenyl-d14	13.00	244	2184370	84.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	196912	36.897	ng		97
3) Pyridine	3.46	79	538625	36.681	ng		99
4) n-Nitrosodimethylamine	3.40	42	182970	35.702	ng		98
6) Aniline	6.56	93	723369	38.112	ng		98
8) 2-Chlorophenol	6.69	128	484043	40.212	ng		97
9) Benzaldehyde	6.45	77	302485	38.041	ng		94
10) Phenol	6.54	94	636737	42.467	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	474255	38.963	ng		99
12) 1,3-Dichlorobenzene	6.84	146	547067	40.906	ng		99
13) 1,4-Dichlorobenzene	6.92	146	550975	41.179	ng		99
14) 1,2-Dichlorobenzene	7.07	146	511300	41.467	ng		99
15) Benzyl Alcohol	7.03	79	359996	33.224	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	556926	37.723	ng		94
17) 2-Methylphenol	7.15	107	423068	43.028	ng		98
18) Hexachloroethane	7.42	117	191746	39.961	ng		99
19) n-Nitroso-di-n-propylamine	7.31	70	338936	37.964	ng		98
20) 3+4-Methylphenols	7.30	107	489508	41.436	ng	#	88
22) Acetophenone	7.30	105	631881	39.286	ng		97
24) Nitrobenzene	7.47	77	517999	39.758	ng		98
25) Isophorone	7.72	82	926149	38.586	ng		99
26) 2-Nitrophenol	7.79	139	235121	45.426	ng		96
27) 2,4-Dimethylphenol	7.83	122	383604	38.817	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	600064	39.342	ng		99
29) 2,4-Dichlorophenol	8.03	162	435774	41.385	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	483993	41.380	ng		98
31) Naphthalene	8.20	128	1369304	41.008	ng		100
32) Benzoic acid	7.95	122	268563	43.870	ng		98
33) 4-Chloroaniline	8.25	127	566336	39.979	ng		97
34) Hexachlorobutadiene	8.32	225	302800	42.373	ng		98
35) Caprolactam	8.62	113	134230	39.490	ng		91
36) 4-Chloro-3-methylphenol	8.72	107	428375	41.028	ng		98
37) 2-Methylnaphthalene	8.89	142	918838	41.474	ng		98
38) 1-Methylnaphthalene	8.99	142	879816	40.926	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	489744	41.568	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	276340	42.667	ng		100
43) 2,4,6-Trichlorophenol	9.17	196	309016	40.747	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	346506	42.338	ng		96
46) 1,1'-Biphenyl	9.36	154	1145998	40.792	ng		99
47) 2-Chloronaphthalene	9.38	162	930485	40.460	ng		98
48) 2-Nitroaniline	9.47	65	249228	41.647	ng		95
49) Acenaphthylene	9.80	152	1462738	40.666	ng		100
50) Dimethylphthalate	9.66	163	1067446	41.085	ng		99
51) 2,6-Dinitrotoluene	9.71	165	238320	41.563	ng		90
52) Acenaphthene	9.97	154	861841	40.848	ng		98
53) 3-Nitroaniline	9.88	138	246410	40.584	ng		95
54) 2,4-Dinitrophenol	9.99	184	79890	45.797	ng	#	1
55) Dibenzofuran	10.14	168	1303286	41.235	ng		98
56) 4-Nitrophenol	10.03	139	196158	39.700	ng		100
57) 2,4-Dinitrotoluene	10.12	165	295269	41.507	ng		100
58) Fluorene	10.49	166	974988	41.353	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	306102	43.830	ng		98
60) Diethylphthalate	10.35	149	1029741	41.354	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	519888	43.060	ng		99
62) 4-Nitroaniline	10.49	138	237494	40.664	ng		96
63) Azobenzene	10.63	77	1004402	39.254	ng		98
65) 4,6-Dinitro-2-methylphenol	10.53	198	119255	43.509	ng		90
66) n-Nitrosodiphenylamine	10.59	169	870032	39.675	ng		100
67) 4-Bromophenyl-phenylether	10.96	248	353438	41.604	ng		97
68) Hexachlorobenzene	11.03	284	392932	42.059	ng		99
69) Atrazine	11.12	200	282403	41.624	ng		99
70) Pentachlorophenol	11.22	266	222341	41.980	ng		97
71) Phenanthrene	11.45	178	1479663	40.160	ng		100
72) Anthracene	11.50	178	1496717	40.312	ng		100
73) Carbazole	11.64	167	1332963	39.543	ng		100
74) Di-n-butylphthalate	11.98	149	1583169	42.198	ng		99
75) Fluoranthene	12.63	202	1561206	39.982	ng		97
77) Benzidine	12.74	184	604151	38.373	ng		100
78) Pyrene	12.86	202	1559081	40.675	ng		99
80) Butylbenzylphthalate	13.47	149	605659	42.655	ng		98
81) Benzo(a)anthracene	14.06	228	1292372	40.651	ng		100
82) 3,3'-Dichlorobenzidine	14.02	252	488724	43.251	ng	#	98
83) Chrysene	14.10	228	1264699	40.078	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	764068	44.981	ng		99
85) Di-n-octyl phthalate	14.69	149	1197177	45.424	ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1108644	43.036	ng		98
88) Benzo(b)fluoranthene	15.14	252	1125735	40.426	ng		100
89) Benzo(k)fluoranthene	15.17	252	1001893	39.502	ng		98
90) Benzo(a)pyrene	15.51	252	987691	40.113	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	912589	41.654	ng		99
92) Benzo(g,h,i)perylene	17.52	276	910877	40.904	ng		97

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

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