Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
Data File : BF114160.D
Acq On : 11 May 2019 16:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 13 06:52:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	349277	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1438282	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	670120	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1291930	20.00	ng	0.00
76) Chrysene-d12	14.01	240	876103	20.00	ng	-0.01
87) Perylene-d12	15.47	264	829330	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1529859	70.49	ng	0.00
7) Phenol-d6	6.49	99	2059065	80.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	2088949	81.51	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	534124	77.10	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3288876	74.24	ng	0.00
79) Terphenyl-d14	12.95	244	3170885	74.61	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	404336	33.893	ng	99
3) Pyridine	3.39	79	1103097	33.560	ng	99
4) n-Nitrosodimethylamine	3.35	42	532849	33.617	ng	95
6) Aniline	6.52	93	1494330	40.299	ng	99
8) 2-Chlorophenol	6.64	128	938757	40.515	ng	98
9) Benzaldehyde	6.40	77	729416	40.588	ng	99
10) Phenol	6.50	94	1200292	39.748	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	960452	41.894	ng	100
12) 1,3-Dichlorobenzene	6.79	146	1056082	40.605	ng	98
13) 1,4-Dichlorobenzene	6.87	146	1065118	40.640	ng	98
14) 1,2-Dichlorobenzene	7.03	146	998663	41.708	ng	98
15) Benzyl Alcohol	6.99	79	834565	41.684	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1935530	43.542	ng	98
17) 2-Methylphenol	7.11	107	825913	43.393	ng	99
18) Hexachloroethane	7.36	117	423759	43.075	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	688340	42.305	ng	99
20) 3+4-Methylphenols	7.26	107	920411	41.854	ng	95
22) Acetophenone	7.26	105	1264242	39.678	ng	98
24) Nitrobenzene	7.43	77	1084364	41.542	ng	98
25) Isophorone	7.67	82	1936395	40.740	ng	100
26) 2-Nitrophenol	7.75	139	545701	43.090	ng	96
27) 2,4-Dimethylphenol	7.79	122	807870	40.616	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1290820	41.855	ng	100
29) 2,4-Dichlorophenol	7.99	162	804047	40.596	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	909087	40.365	ng	98
31) Naphthalene	8.16	128	2706671	40.287	ng	100
32) Benzoic acid	7.92	122	566642	41.131	ng	100
33) 4-Chloroaniline	8.20	127	1257504	41.074	ng	99
34) Hexachlorobutadiene	8.27	225	514994	40.188	ng	98
35) Caprolactam	8.58	113	278028	43.050	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	840403	42.154	ng	99
37) 2-Methylnaphthalene	8.85	142	1822012	42.033	ng	97
38) 1-Methylnaphthalene	8.95	142	1692147	41.453	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	823262	40.556	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	341205	38.453	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	587484	42.076	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	584105	40.792	ng		99
46) 1,1'-Biphenyl	9.31	154	2141155	39.551	ng		99
47) 2-Chloronaphthalene	9.33	162	1732360	39.762	ng		99
48) 2-Nitroaniline	9.43	65	629957	40.770	ng		99
49) Acenaphthylene	9.75	152	2638391	39.816	ng		99
50) Dimethylphthalate	9.61	163	1977752	40.204	ng		100
51) 2,6-Dinitrotoluene	9.67	165	447263	40.992	ng		97
52) Acenaphthene	9.92	154	1596753	39.268	ng		99
53) 3-Nitroaniline	9.84	138	553908	40.896	ng		100
54) 2,4-Dinitrophenol	9.95	184	213725	42.416	ng		99
55) Dibenzofuran	10.09	168	2300593	38.583	ng		99
56) 4-Nitrophenol	10.00	139	378080	39.472	ng		89
57) 2,4-Dinitrotoluene	10.07	165	584769	39.486	ng		96
58) Fluorene	10.43	166	1746771	37.927	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	486656	39.389	ng		99
60) Diethylphthalate	10.30	149	1927575	38.564	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	867609	38.355	ng		97
62) 4-Nitroaniline	10.46	138	559879	39.338	ng		92
63) Azobenzene	10.59	77	1895910	39.187	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	281834	45.399	ng		91
66) n-Nitrosodiphenylamine	10.55	169	1601161	40.835	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	584162	41.067	ng		96
68) Hexachlorobenzene	10.99	284	631330	40.119	ng		98
69) Atrazine	11.07	200	513938	42.119	ng		98
70) Pentachlorophenol	11.18	266	318718	42.725	ng		98
71) Phenanthrene	11.40	178	2508949	39.917	ng		100
72) Anthracene	11.45	178	2551269	40.412	ng		100
73) Carbazole	11.60	167	2408797	40.012	ng		100
74) Di-n-butylphthalate	11.93	149	2915356	42.034	ng		98
75) Fluoranthene	12.59	202	2645214	39.081	ng		99
77) Benzidine	12.70	184	1522918	38.725	ng		99
78) Pyrene	12.82	202	2681638	38.049	ng		99
80) Butylbenzylphthalate	13.42	149	1263066	42.578	ng		95
81) Benzo(a)anthracene	14.00	228	2265595	39.982	ng		98
82) 3,3'-Dichlorobenzidine	13.96	252	953711	43.385	ng	#	98
83) Chrysene	14.04	228	2243995	40.397	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1634476	42.128	ng	#	99
85) Di-n-octyl phthalate	14.60	149	2627447	41.776	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1939301	39.503	ng		99
88) Benzo(b)fluoranthene	15.05	252	2275988	42.837	ng		98
89) Benzo(k)fluoranthene	15.08	252	1865372	38.220	ng		99
90) Benzo(a)pyrene	15.42	252	1909408	40.834	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1576300	40.568	ng		100
92) Benzo(g,h,i)perylene	17.38	276	1477343	37.940	ng		99

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

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