Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113187.D
Acq On : 20 Mar 2019 23:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 21 12:25:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 12:13:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	96969	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	379216	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	172796	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	313490	20.00	ng		0.00
76) Chrysene-d12	13.87	240	287468	20.00	ng		0.00
87) Perylene-d12	15.28	264	226139	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	506487	81.25	ng		0.00
7) Phenol-d6	6.37	99	562562	71.84	ng		0.00
23) Nitrobenzene-d5	7.29	82	527051	83.17	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	152072	82.90	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1007480	101.90	ng		0.00
79) Terphenyl-d14	12.82	244	1041749	70.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	103233	33.037	ng		99
3) Pyridine	3.06	79	304503	36.424	ng		98
4) n-Nitrosodimethylamine	2.99	42	136340	37.282	ng		99
6) Aniline	6.39	93	356499	33.074	ng		92
8) 2-Chlorophenol	6.52	128	261005	37.613	ng		94
9) Benzaldehyde	6.27	77	160345	28.418	ng		99
10) Phenol	6.39	94	318601	34.866	ng		97
11) bis(2-Chloroethyl)ether	6.46	93	248459	35.425	ng		99
12) 1,3-Dichlorobenzene	6.67	146	285049	39.764	ng		96
13) 1,4-Dichlorobenzene	6.74	146	290466	40.405	ng		98
14) 1,2-Dichlorobenzene	6.90	146	272014	41.275	ng		99
15) Benzyl Alcohol	6.87	79	218477	36.589	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.00	45	396226	33.852	ng		99
17) 2-Methylphenol	6.99	107	198791	35.312	ng		99
18) Hexachloroethane	7.24	117	88974	32.310	ng		94
19) n-Nitroso-di-n-propylamine	7.14	70	181205	36.537	ng		99
20) 3+4-Methylphenols	7.15	107	254633	40.064	ng	#	90
22) Acetophenone	7.13	105	375055	42.297	ng	#	95
24) Nitrobenzene	7.30	77	271847	38.541	ng		95
25) Isophorone	7.55	82	489396	35.845	ng		99
26) 2-Nitrophenol	7.62	139	58096	19.786	ng		97
27) 2,4-Dimethylphenol	7.67	122	201327	36.856	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	315710	36.986	ng		100
29) 2,4-Dichlorophenol	7.87	162	204421	38.590	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	242137	42.541	ng		99
31) Naphthalene	8.03	128	756243	40.168	ng		99
32) Benzoic acid	7.81	122	32547	8.501	ng		97
33) 4-Chloroaniline	8.08	127	304078	38.132	ng		99
34) Hexachlorobutadiene	8.15	225	150158	46.778	ng		99
35) Caprolactam	8.45	113	62931	33.730	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	205333	35.025	ng		95
37) 2-Methylnaphthalene	8.72	142	494991	40.712	ng		99
38) 1-Methylnaphthalene	8.82	142	471100	39.999	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	236818	46.998	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	10564	3.828	ng		95
43) 2,4,6-Trichlorophenol	9.00	196	127883	36.876	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	136213	36.339	ng		97
46) 1,1'-Biphenyl	9.19	154	627437	44.517	ng		97
47) 2-Chloronaphthalene	9.21	162	454614	41.309	ng		97
48) 2-Nitroaniline	9.30	65	146016	43.651	ng		95
49) Acenaphthylene	9.62	152	748688	40.073	ng		99
50) Dimethylphthalate	9.48	163	552876	43.393	ng		99
51) 2,6-Dinitrotoluene	9.55	165	100336	37.817	ng		89
52) Acenaphthene	9.79	154	412016	37.711	ng		100
53) 3-Nitroaniline	9.71	138	143763	44.468	ng		96
54) 2,4-Dinitrophenol	9.83	184	861	7.183	ng	#	78
55) Dibenzofuran	9.96	168	638902	40.234	ng		98
56) 4-Nitrophenol	9.89	139	65049	24.757	ng		99
57) 2,4-Dinitrotoluene	9.95	165	123134	37.336	ng		98
58) Fluorene	10.30	166	473124	41.979	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	110172	35.278	ng		99
60) Diethylphthalate	10.18	149	541811	40.264	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	243136	46.367	ng		99
62) 4-Nitroaniline	10.32	138	142525	47.708	ng		98
63) Azobenzene	10.46	77	469310	34.050	ng		99
65) 4,6-Dinitro-2-methylphenol	10.36	198	2653	6.474	ng		83
66) n-Nitrosodiphenylamine	10.42	169	424477	42.220	ng		99
67) 4-Bromophenyl-phenylether	10.78	248	149562	45.295	ng	#	89
68) Hexachlorobenzene	10.86	284	166311	44.681	ng		98
69) Atrazine	10.94	200	117775	38.249	ng		99
70) Pentachlorophenol	11.05	266	92725	42.325	ng		98
71) Phenanthrene	11.26	178	653441	41.894	ng		98
72) Anthracene	11.32	178	666669	40.832	ng		98
73) Carbazole	11.47	167	633012	39.744	ng		98
74) Di-n-butylphthalate	11.80	149	799325	41.855	ng		98
75) Fluoranthene	12.45	202	732982	43.863	ng		98
77) Benzidine	12.57	184	315194	21.134	ng		98
78) Pyrene	12.67	202	754579	31.137	ng		99
80) Butylbenzylphthalate	13.29	149	344921	32.244	ng		99
81) Benzo(a)anthracene	13.86	228	668620	33.559	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	274676	36.453	ng		99
83) Chrysene	13.90	228	686099	35.156	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	465931	37.134	ng		99
85) Di-n-octyl phthalate	14.46	149	865224	40.159	ng		99
86) Indeno(1,2,3-cd)pyrene	16.64	276	489769	29.437	ng		99
88) Benzo(b)fluoranthene	14.88	252	601636	41.131	ng		98
89) Benzo(k)fluoranthene	14.91	252	555008	41.889	ng		98
90) Benzo(a)pyrene	15.22	252	506992	39.186	ng		99
91) Dibenzo(a,h)anthracene	16.66	278	412741	37.385	ng		99
92) Benzo(g,h,i)perylene	17.05	276	384102	34.648	ng		99

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

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