Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115840.D
Acq On : 30 Jul 2019 13:48
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jul 30 14:53:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:48:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143333	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	578267	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	310239	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	546826	20.00	ng	0.00
76) Chrysene-d12	14.03	240	410212	20.00	ng	0.00
87) Perylene-d12	15.49	264	388216	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	694376	77.56	ng	0.00
7) Phenol-d6	6.49	99	866548	75.36	ng	0.00
23) Nitrobenzene-d5	7.42	82	806904	77.26	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	243667	72.79	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1356835	76.67	ng	0.00
79) Terphenyl-d14	12.97	244	1529111	76.28	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.60	88	169367	36.781	ng	100
3) Pyridine	3.36	79	477588	39.071	ng	100
4) n-Nitrosodimethylamine	3.31	42	188557	35.489	ng	100
6) Aniline	6.52	93	628748	39.613	ng	100
8) 2-Chlorophenol	6.64	128	383004	38.004	ng	100
9) Benzaldehyde	6.40	77	301826	47.108	ng	100
10) Phenol	6.50	94	512540	38.403	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	375353	37.479	ng	100
12) 1,3-Dichlorobenzene	6.80	146	441159	39.110	ng	100
13) 1,4-Dichlorobenzene	6.87	146	443282	39.701	ng	100
14) 1,2-Dichlorobenzene	7.03	146	416178	41.068	ng	100
15) Benzyl Alcohol	6.99	79	338409	39.681	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	520012	39.505	ng	100
17) 2-Methylphenol	7.10	107	317535	36.697	ng	100
18) Hexachloroethane	7.37	117	163930	39.322	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	265950	36.621	ng	100
20) 3+4-Methylphenols	7.26	107	390322	39.814	ng	100
22) Acetophenone	7.26	105	512722	39.138	ng	100
24) Nitrobenzene	7.43	77	435529	38.493	ng	100
25) Isophorone	7.67	82	767957	37.185	ng	100
26) 2-Nitrophenol	7.75	139	206900	36.939	ng	100
27) 2,4-Dimethylphenol	7.79	122	310404	38.348	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	476989	38.705	ng	100
29) 2,4-Dichlorophenol	7.99	162	332517	39.308	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	375487	39.633	ng	100
31) Naphthalene	8.16	128	1117366	39.979	ng	100
32) Benzoic acid	7.92	122	198294	31.320	ng	100
33) 4-Chloroaniline	8.20	127	494492	38.410	ng	100
34) Hexachlorobutadiene	8.27	225	216096	39.929	ng	100
35) Caprolactam	8.59	113	106292	37.431	ng	100
36) 4-Chloro-3-methylphenol	8.69	107	339215	37.558	ng	100
37) 2-Methylnaphthalene	8.85	142	733422	39.968	ng	100
38) 1-Methylnaphthalene	8.95	142	690900	39.374	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	337098	37.660	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	134105	37.598	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	231220	37.582	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	238988	37.263	ng	100
46) 1,1'-Biphenyl	9.32	154	890139	38.040	ng	100
47) 2-Chloronaphthalene	9.35	162	737069	37.726	ng	100
48) 2-Nitroaniline	9.44	65	241997	36.149	ng	100
49) Acenaphthylene	9.76	152	1085579	37.362	ng	100
50) Dimethylphthalate	9.62	163	851315	36.587	ng	100
51) 2,6-Dinitrotoluene	9.68	165	185747	36.056	ng	100
52) Acenaphthene	9.93	154	667168	37.690	ng	100
53) 3-Nitroaniline	9.85	138	227979	36.070	ng	100
54) 2,4-Dinitrophenol	9.96	184	80296	33.131	ng	100
55) Dibenzofuran	10.10	168	976987	38.542	ng	100
56) 4-Nitrophenol	10.01	139	147772	34.161	ng	100
57) 2,4-Dinitrotoluene	10.09	165	250737	37.869	ng	100
58) Fluorene	10.45	166	746046	38.077	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	199822	37.543	ng	100
60) Diethylphthalate	10.32	149	805313	38.289	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	381661	39.313	ng	100
62) 4-Nitroaniline	10.46	138	237348	36.466	ng	100
63) Azobenzene	10.59	77	825408	37.002	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	119615	37.661	ng	100
66) n-Nitrosodiphenylamine	10.55	169	664052	39.629	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	238154	40.046	ng	100
68) Hexachlorobenzene	11.00	284	275277	40.519	ng	100
69) Atrazine	11.08	200	218248	56.595	ng	100
70) Pentachlorophenol	11.19	266	136185	39.362	ng	100
71) Phenanthrene	11.41	178	1139651	40.679	ng	100
72) Anthracene	11.46	178	1143711	40.712	ng	100
73) Carbazole	11.61	167	1047267	39.997	ng	100
74) Di-n-butylphthalate	11.94	149	1250030	42.961	ng	100
75) Fluoranthene	12.60	202	1184451	40.329	ng	100
77) Benzidine	12.71	184	594488	48.529	ng	100
78) Pyrene	12.83	202	1213209	36.855	ng	100
80) Butylbenzylphthalate	13.44	149	529696	38.812	ng	100
81) Benzo(a)anthracene	14.02	228	1053123	38.168	ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	374519	41.271	ng	100
83) Chrysene	14.05	228	1024819	38.184	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	693944	40.433	ng	100
85) Di-n-octyl phthalate	14.61	149	1120253	41.050	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	820673	31.707	ng	100
88) Benzo(b)fluoranthene	15.07	252	943089	39.253	ng	100
89) Benzo(k)fluoranthene	15.09	252	845072	39.839	ng	100
90) Benzo(a)pyrene	15.43	252	806822	38.269	ng	100
91) Dibenzo(a,h)anthracene	16.98	278	673243	35.520	ng	100
92) Benzo(g,h,i)perylene	17.41	276	642281	33.075	ng	100

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

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