Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113811.D
Acq On : 18 Apr 2019 9:04
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
4/23/2019 8:16:31 AM

Quant Time: Apr 18 13:01:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 12:50:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183635	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	724807	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	372472	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	715940	20.00	ng	0.00
76) Chrysene-d12	14.04	240	582312	20.00	ng	0.00
87) Perylene-d12	15.51	264	447861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	898671	83.45	ng	0.00
7) Phenol-d6	6.52	99	1121785	84.52	ng	0.00
23) Nitrobenzene-d5	7.46	82	970036	78.39	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	337197	75.36	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1864341	80.58	ng	0.00
79) Terphenyl-d14	13.00	244	2204216	77.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	218838	42.906	ng	100
3) Pyridine	3.45	79	598301	44.824	ng	100
4) n-Nitrosodimethylamine	3.40	42	211901	37.364	ng	100
6) Aniline	6.56	93	790574	49.140	ng	100
8) 2-Chlorophenol	6.68	128	508859	40.841	ng	100
9) Benzaldehyde	6.44	77	321329	40.716	ng	100
10) Phenol	6.53	94	627119	41.370	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	507019	42.997	ng	100
12) 1,3-Dichlorobenzene	6.84	146	559979	41.734	ng	100
13) 1,4-Dichlorobenzene	6.92	146	558746	41.208	ng	100
14) 1,2-Dichlorobenzene	7.07	146	519091	42.413	ng	100
15) Benzyl Alcohol	7.03	79	454964	50.696	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	613540	33.427	ng	100
17) 2-Methylphenol	7.14	107	406669	42.117	ng	100
18) Hexachloroethane	7.42	117	199598	40.442	ng	100
19) n-Nitroso-di-n-propylamine	7.31	70	366719	44.806	ng	100
20) 3+4-Methylphenols	7.29	107	500311	42.764	ng	100
22) Acetophenone	7.30	105	670835	42.140	ng	100
24) Nitrobenzene	7.47	77	546611	42.895	ng	100
25) Isophorone	7.72	82	979452	41.090	ng	100
26) 2-Nitrophenol	7.79	139	213948	31.195	ng	100
27) 2,4-Dimethylphenol	7.82	122	411834	42.003	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	628715	41.719	ng	100
29) 2,4-Dichlorophenol	8.03	162	438798	41.828	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	486077	42.667	ng	100
31) Naphthalene	8.20	128	1405400	40.019	ng	100
32) Benzoic acid	7.93	122	248507m	32.731	ng	
33) 4-Chloroaniline	8.24	127	586209	42.097	ng	100
34) Hexachlorobutadiene	8.32	225	299301	43.093	ng	100
35) Caprolactam	8.61	113	140767	42.271	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	433611	41.175	ng	100
37) 2-Methylnaphthalene	8.89	142	926539	40.114	ng	100
38) 1-Methylnaphthalene	8.99	142	903267	40.556	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	479870	39.836	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	265220	74.116	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	303216	39.877	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	334224	40.942	ng	100
46) 1,1'-Biphenyl	9.35	154	1151284	37.457	ng	100
47) 2-Chloronaphthalene	9.38	162	934892	40.174	ng	100
48) 2-Nitroaniline	9.46	65	246256	34.583	ng	100
49) Acenaphthylene	9.79	152	1474684	38.970	ng	100
50) Dimethylphthalate	9.65	163	1059879	38.603	ng	100
51) 2,6-Dinitrotoluene	9.71	165	233065	38.510	ng	100
52) Acenaphthene	9.97	154	854546	39.450	ng	100
53) 3-Nitroaniline	9.87	138	248153	36.064	ng	100
54) 2,4-Dinitrophenol	9.97	184	66731	23.568	ng	100
55) Dibenzofuran	10.14	168	1293041	40.693	ng	100
56) 4-Nitrophenol	10.02	139	204385	47.883	ng	100
57) 2,4-Dinitrotoluene	10.11	165	291669	39.848	ng	100
58) Fluorene	10.48	166	956136	38.045	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	285622	40.421	ng	100
60) Diethylphthalate	10.35	149	1006845	38.035	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	497087	40.212	ng	100
62) 4-Nitroaniline	10.49	138	234328	33.489	ng	100
63) Azobenzene	10.63	77	1046916	41.769	ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	109256	28.987	ng	100
66) n-Nitrosodiphenylamine	10.59	169	874197	39.774	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	342871	42.701	ng	100
68) Hexachlorobenzene	11.03	284	377285	41.007	ng	100
69) Atrazine	11.11	200	279732	40.379	ng	100
70) Pentachlorophenol	11.22	266	211395	48.761	ng	100
71) Phenanthrene	11.44	178	1489835	41.878	ng	100
72) Anthracene	11.49	178	1497125	41.362	ng	100
73) Carbazole	11.64	167	1363181	40.268	ng	100
74) Di-n-butylphthalate	11.97	149	1521807	37.789	ng	100
75) Fluoranthene	12.62	202	1596136	41.869	ng	100
77) Benzidine	12.73	184	747563	34.523	ng	100
78) Pyrene	12.85	202	1615720	36.466	ng	100
80) Butylbenzylphthalate	13.47	149	600825	33.313	ng	100
81) Benzo(a)anthracene	14.04	228	1371908	40.842	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	508573	39.308	ng	100
83) Chrysene	14.07	228	1362672	40.018	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	724271	33.214	ng	100
85) Di-n-octyl phthalate	14.64	149	1137310	32.086	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	991244	31.529	ng	100
88) Benzo(b)fluoranthene	15.09	252	1162749	42.413	ng	100
89) Benzo(k)fluoranthene	15.12	252	1052172	42.764	ng	100
90) Benzo(a)pyrene	15.45	252	995223	40.854	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	822687	36.113	ng	100
92) Benzo(g,h,i)perylene	17.43	276	810325	34.849	ng	100

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

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