Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041119\
Data File : BF113715.D
Acq On : 11 Apr 2019 11:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/12/2019 2:29:00 PM

Quant Time: Apr 11 12:34:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 04 04:05:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	173488	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	675451	20.00	ng		-0.01
39) Acenaphthene-d10	9.71	164	324069	20.00	ng		-0.01
64) Phenanthrene-d10	11.19	188	646021	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	463554	20.00	ng		-0.02
87) Perylene-d12	15.23	264	402053	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	820128	80.61	ng		-0.01
7) Phenol-d6	6.33	99	999675	79.72	ng		0.00
23) Nitrobenzene-d5	7.25	82	915398	79.38	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	313517	80.54	ng		-0.01
45) 2-Fluorobiphenyl	9.03	172	1605333	79.75	ng		-0.02
79) Terphenyl-d14	12.77	244	1741743	76.50	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	185676	38.533	ng		97
3) Pyridine	3.01	79	494213	39.191	ng		97
4) n-Nitrosodimethylamine	2.98	42	217052	40.511	ng		96
6) Aniline	6.35	93	620346	40.814	ng		98
8) 2-Chlorophenol	6.47	128	476862	40.511	ng		96
9) Benzaldehyde	6.23	77	274916	36.872	ng		99
10) Phenol	6.35	94	567959	39.658	ng		96
11) bis(2-Chloroethyl)ether	6.42	93	438840	39.392	ng		99
12) 1,3-Dichlorobenzene	6.62	146	500859	39.511	ng		99
13) 1,4-Dichlorobenzene	6.69	146	507361	39.607	ng		99
14) 1,2-Dichlorobenzene	6.85	146	454296	39.290	ng		98
15) Benzyl Alcohol	6.83	79	332954	39.270	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	652656	37.638	ng		64
17) 2-Methylphenol	6.95	107	361432	39.621	ng	#	93
18) Hexachloroethane	7.18	117	182215	39.080	ng		100
19) n-Nitroso-di-n-propylamine	7.10	70	300719	38.891	ng		99
20) 3+4-Methylphenols	7.11	107	461145	41.722	ng		94
22) Acetophenone	7.10	105	593300	39.993	ng	#	97
24) Nitrobenzene	7.27	77	478363	40.282	ng		98
25) Isophorone	7.51	82	873841	39.338	ng		100
26) 2-Nitrophenol	7.58	139	263234	41.186	ng		98
27) 2,4-Dimethylphenol	7.63	122	358877	39.277	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	548397	39.049	ng		99
29) 2,4-Dichlorophenol	7.83	162	405948	41.524	ng		100
30) 1,2,4-Trichlorobenzene	7.90	180	419743	39.537	ng		98
31) Naphthalene	7.98	128	1299778	39.716	ng		100
32) Benzoic acid	7.82	122	288719	40.806	ng		98
33) 4-Chloroaniline	8.04	127	541964	41.764	ng		99
34) Hexachlorobutadiene	8.10	225	253656	39.189	ng		98
35) Caprolactam	8.43	113	127628m	41.126	ng		
36) 4-Chloro-3-methylphenol	8.54	107	410208	41.799	ng		98
37) 2-Methylnaphthalene	8.67	142	840259	39.037	ng		99
38) 1-Methylnaphthalene	8.77	142	819850	39.501	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	418621	39.942	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	99807	36.036	ng		97
43) 2,4,6-Trichlorophenol	8.96	196	262826	39.728	ng		99
44) 2,4,5-Trichlorophenol	9.01	196	280578	39.504	ng		99
46) 1,1'-Biphenyl	9.13	154	1060579	39.660	ng		99
47) 2-Chloronaphthalene	9.16	162	804730	39.745	ng		98
48) 2-Nitroaniline	9.27	65	258683	41.754	ng		97
49) Acenaphthylene	9.57	152	1277040	38.787	ng		99
50) Dimethylphthalate	9.44	163	927954	38.846	ng		99
51) 2,6-Dinitrotoluene	9.51	165	210009	39.883	ng		99
52) Acenaphthene	9.75	154	746220	39.594	ng		100
53) 3-Nitroaniline	9.68	138	251349	41.984	ng		92
54) 2,4-Dinitrophenol	9.80	184	108082	43.873	ng		87
55) Dibenzofuran	9.92	168	1094327	39.583	ng		100
56) 4-Nitrophenol	9.87	139	165954	44.687	ng		92
57) 2,4-Dinitrotoluene	9.92	165	262585	41.233	ng		100
58) Fluorene	10.26	166	877247	40.119	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	268162	43.619	ng		97
60) Diethylphthalate	10.14	149	913279	39.653	ng		98
61) 4-Chlorophenyl-phenylether	10.25	204	430295	40.008	ng		98
62) 4-Nitroaniline	10.30	138	247708	40.689	ng		95
63) Azobenzene	10.41	77	855186	39.215	ng		99
65) 4,6-Dinitro-2-methylphenol	10.33	198	144279	42.422	ng		89
66) n-Nitrosodiphenylamine	10.37	169	789787	39.823	ng		100
67) 4-Bromophenyl-phenylether	10.73	248	285163	39.358	ng		98
68) Hexachlorobenzene	10.81	284	329936	39.742	ng	#	94
69) Atrazine	10.90	200	242189	38.744	ng		96
70) Pentachlorophenol	11.02	266	171202	43.764	ng		99
71) Phenanthrene	11.22	178	1271847	39.620	ng		100
72) Anthracene	11.27	178	1301167	39.839	ng		100
73) Carbazole	11.43	167	1267541	41.495	ng		100
74) Di-n-butylphthalate	11.75	149	1429920	39.350	ng		99
75) Fluoranthene	12.40	202	1403700	40.807	ng		99
77) Benzidine	12.52	184	666141	38.644	ng		98
78) Pyrene	12.63	202	1410508	39.990	ng		100
80) Butylbenzylphthalate	13.24	149	571446	39.801	ng		99
81) Benzo(a)anthracene	13.82	228	1094959	40.948	ng		100
82) 3,3'-Dichlorobenzidine	13.77	252	426354	41.396	ng		99
83) Chrysene	13.86	228	1077956	39.767	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	700335	40.344	ng		99
85) Di-n-octyl phthalate	14.41	149	1046378	37.083	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1010509	40.376	ng		99
88) Benzo(b)fluoranthene	14.83	252	910607	37.001	ng		99
89) Benzo(k)fluoranthene	14.86	252	904830	40.966	ng		99
90) Benzo(a)pyrene	15.17	252	869103	39.741	ng		100
91) Dibenzo(a,h)anthracene	16.60	278	836739	40.915	ng		99
92) Benzo(g,h,i)perylene	17.00	276	881491	42.229	ng		99

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

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