Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113459.D
Acq On : 1 Apr 2019 11:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 02 02:44:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 01 14:33:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	155244	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	640091	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	331961	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	689953	20.00	ng	0.00
76) Chrysene-d12	13.85	240	496323	20.00	ng	0.00
87) Perylene-d12	15.26	264	416384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	756836	79.71	ng	0.00
7) Phenol-d6	6.36	99	949898	79.09	ng	0.00
23) Nitrobenzene-d5	7.28	82	896487	83.13	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	346535	84.51	ng	0.00
45) 2-Fluorobiphenyl	9.07	172	1669543	77.21	ng	0.00
79) Terphenyl-d14	12.80	244	1968885	87.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.35	88	170994	35.497	ng	100
3) Pyridine	3.06	79	480384	40.452	ng	100
4) n-Nitrosodimethylamine	3.00	42	194387	36.821	ng	100
6) Aniline	6.37	93	596078	40.753	ng	100
8) 2-Chlorophenol	6.50	128	447157	40.557	ng	100
9) Benzaldehyde	6.26	77	303645	37.674	ng	100
10) Phenol	6.37	94	536915	39.156	ng	100
11) bis(2-Chloroethyl)ether	6.45	93	429187	40.833	ng	100
12) 1,3-Dichlorobenzene	6.65	146	473440	39.836	ng	100
13) 1,4-Dichlorobenzene	6.73	146	479922	41.823	ng	100
14) 1,2-Dichlorobenzene	6.89	146	441835	39.138	ng	100
15) Benzyl Alcohol	6.86	79	337913	42.646	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	674855	42.739	ng	100
17) 2-Methylphenol	6.98	107	351267	40.654	ng	100
18) Hexachloroethane	7.22	117	172093	41.755	ng	100
19) n-Nitroso-di-n-propylamine	7.13	70	304525	40.364	ng	100
20) 3+4-Methylphenols	7.13	107	434811	43.574	ng	100
22) Acetophenone	7.13	105	590289	40.438	ng	100
24) Nitrobenzene	7.30	77	469518	41.722	ng	100
25) Isophorone	7.54	82	881205	42.164	ng	100
26) 2-Nitrophenol	7.62	139	253077	42.546	ng	100
27) 2,4-Dimethylphenol	7.66	122	361472	42.244	ng	100
28) bis(2-Chloroethoxy)methane	7.75	93	568019	43.159	ng	100
29) 2,4-Dichlorophenol	7.86	162	397066	42.821	ng	100
30) 1,2,4-Trichlorobenzene	7.94	180	413338	41.316	ng	100
31) Naphthalene	8.02	128	1273049	40.699	ng	100
32) Benzoic acid	7.81	122	230888m	33.522	ng	
33) 4-Chloroaniline	8.07	127	551064	45.179	ng	100
34) Hexachlorobutadiene	8.14	225	249473	41.956	ng	100
35) Caprolactam	8.46	113	139084	46.735	ng	100
36) 4-Chloro-3-methylphenol	8.56	107	416016	44.606	ng	100
37) 2-Methylnaphthalene	8.70	142	864199	44.278	ng	100
38) 1-Methylnaphthalene	8.80	142	832579	44.350	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	424700	39.856	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	156222	34.636	ng	100
43) 2,4,6-Trichlorophenol	8.99	196	275824	39.749	ng	100
44) 2,4,5-Trichlorophenol	9.04	196	301938	39.318	ng	100
46) 1,1'-Biphenyl	9.17	154	1092705	39.412	ng	100
47) 2-Chloronaphthalene	9.19	162	829635	38.864	ng	100
48) 2-Nitroaniline	9.29	65	276010	41.201	ng	100
49) Acenaphthylene	9.61	152	1376166	39.870	ng	100
50) Dimethylphthalate	9.47	163	1042913	42.393	ng	100
51) 2,6-Dinitrotoluene	9.54	165	231711	41.750	ng	100
52) Acenaphthene	9.78	154	782130	40.237	ng	100
53) 3-Nitroaniline	9.70	138	273495	43.698	ng	100
54) 2,4-Dinitrophenol	9.82	184	118138	42.799	ng	100
55) Dibenzofuran	9.95	168	1164444	39.849	ng	100
56) 4-Nitrophenol	9.89	139	191121	42.832	ng	100
57) 2,4-Dinitrotoluene	9.95	165	282312	40.000	ng	100
58) Fluorene	10.29	166	925075	40.751	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	279543	43.046	ng	100
60) Diethylphthalate	10.17	149	1021295	42.319	ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	467163	42.224	ng	100
62) 4-Nitroaniline	10.32	138	282519	43.843	ng	100
63) Azobenzene	10.45	77	956563	42.107	ng	100
65) 4,6-Dinitro-2-methylphenol	10.36	198	127184	33.697	ng	100
66) n-Nitrosodiphenylamine	10.40	169	857003	40.479	ng	100
67) 4-Bromophenyl-phenylether	10.77	248	314962	41.884	ng	100
68) Hexachlorobenzene	10.84	284	367320	42.082	ng	100
69) Atrazine	10.93	200	281186	42.078	ng	100
70) Pentachlorophenol	11.04	266	180734	39.742	ng	100
71) Phenanthrene	11.25	178	1384103	40.396	ng	100
72) Anthracene	11.30	178	1436982	41.290	ng	100
73) Carbazole	11.46	167	1380830	41.580	ng	100
74) Di-n-butylphthalate	11.79	149	1671046	43.392	ng	100
75) Fluoranthene	12.43	202	1516032	39.140	ng	100
77) Benzidine	12.55	184	942823m	49.605	ng	
78) Pyrene	12.66	202	1518960	44.164	ng	100
80) Butylbenzylphthalate	13.27	149	686891	45.317	ng	100
81) Benzo(a)anthracene	13.84	228	1152846	40.578	ng	100
82) 3,3'-Dichlorobenzidine	13.80	252	489683	42.965	ng	100
83) Chrysene	13.88	228	1169387	40.523	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	883937	47.570	ng	100
85) Di-n-octyl phthalate	14.44	149	1409535	44.689	ng	100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1026639	41.454	ng	100
88) Benzo(b)fluoranthene	14.86	252	1040471	40.226	ng	100
89) Benzo(k)fluoranthene	14.89	252	939675	41.368	ng	100
90) Benzo(a)pyrene	15.20	252	919764	40.110	ng	100
91) Dibenzo(a,h)anthracene	16.63	278	855650	43.155	ng	100
92) Benzo(g,h,i)perylene	17.03	276	840084	42.022	ng	100

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

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