Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040519\
Data File : BF113619.D
Acq On : 5 Apr 2019 16:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Apr 05 18:49:20 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	6.69	152	148848	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	584370	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	288771	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	571320	20.00	ng		0.00
76) Chrysene-d12	13.83	240	411333	20.00	ng		-0.01
87) Perylene-d12	15.23	264	327684	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	708493	81.17	ng		0.00
7) Phenol-d6	6.35	99	862235	80.15	ng		0.00
23) Nitrobenzene-d5	7.26	82	810672	81.26	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	274574	79.15	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1437361	80.13	ng		0.00
79) Terphenyl-d14	12.77	244	1564927	77.46	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	152225	36.821	ng		99
3) Pyridine	3.04	79	405612	37.490	ng		97
4) n-Nitrosodimethylamine	2.99	42	187425	40.772	ng		96
6) Aniline	6.35	93	533891	40.941	ng	#	84
8) 2-Chlorophenol	6.47	128	408556	40.454	ng		99
9) Benzaldehyde	6.23	77	262773	41.078	ng		99
10) Phenol	6.36	94	501821	40.841	ng		86
11) bis(2-Chloroethyl)ether	6.43	93	380735	39.834	ng		99
12) 1,3-Dichlorobenzene	6.63	146	435860	40.076	ng		97
13) 1,4-Dichlorobenzene	6.70	146	439040	39.947	ng		99
14) 1,2-Dichlorobenzene	6.86	146	398543	40.174	ng		98
15) Benzyl Alcohol	6.84	79	308984	42.476	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	574168	38.593	ng		81
17) 2-Methylphenol	6.96	107	311280	39.772	ng	#	93
18) Hexachloroethane	7.19	117	155906	38.972	ng		99
19) n-Nitroso-di-n-propylamine	7.11	70	267839	40.373	ng		98
20) 3+4-Methylphenols	7.12	107	401759	42.366	ng		95
22) Acetophenone	7.10	105	524823	40.891	ng	#	97
24) Nitrobenzene	7.27	77	416631	40.552	ng		96
25) Isophorone	7.52	82	763870	39.747	ng		99
26) 2-Nitrophenol	7.59	139	231155	41.804	ng		92
27) 2,4-Dimethylphenol	7.64	122	314151	39.740	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	484001	39.835	ng		99
29) 2,4-Dichlorophenol	7.84	162	349779	41.355	ng		100
30) 1,2,4-Trichlorobenzene	7.92	180	367849	40.049	ng		98
31) Naphthalene	7.99	128	1136866	40.152	ng		100
32) Benzoic acid	7.80	122	247050	40.359	ng		99
33) 4-Chloroaniline	8.05	127	478637	42.633	ng		100
34) Hexachlorobutadiene	8.11	225	222442	39.723	ng		98
35) Caprolactam	8.44	113	117787	43.871	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	354274	41.726	ng		100
37) 2-Methylnaphthalene	8.68	142	745195	40.017	ng		99
38) 1-Methylnaphthalene	8.78	142	713549	39.738	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	366807	39.276	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	87222	35.599	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	237143	40.227	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	255812	40.420	ng	99
46) 1,1'-Biphenyl	9.15	154	931299	39.083	ng	100
47) 2-Chloronaphthalene	9.17	162	714204	39.586	ng	100
48) 2-Nitroaniline	9.27	65	230610	41.772	ng	93
49) Acenaphthylene	9.58	152	1151078	39.235	ng	100
50) Dimethylphthalate	9.45	163	836717	39.308	ng	99
51) 2,6-Dinitrotoluene	9.52	165	190397	40.578	ng	98
52) Acenaphthene	9.75	154	664255	39.553	ng	99
53) 3-Nitroaniline	9.69	138	221329	41.489	ng	94
54) 2,4-Dinitrophenol	9.80	184	87984	40.081	ng	90
55) Dibenzofuran	9.93	168	963937	39.129	ng	99
56) 4-Nitrophenol	9.87	139	123798	37.410	ng	92
57) 2,4-Dinitrotoluene	9.93	165	232556	40.981	ng	96
58) Fluorene	10.27	166	776745	39.865	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	224275	40.939	ng	97
60) Diethylphthalate	10.15	149	803105	39.132	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	380051	39.656	ng	95
62) 4-Nitroaniline	10.30	138	231620	42.697	ng	96
63) Azobenzene	10.42	77	770372	39.644	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	122270	40.652	ng	97
66) n-Nitrosodiphenylamine	10.38	169	696190	39.693	ng	99
67) 4-Bromophenyl-phenylether	10.74	248	252214	39.362	ng	94
68) Hexachlorobenzene	10.82	284	293542	39.981	ng	98
69) Atrazine	10.91	200	214646	38.827	ng	98
70) Pentachlorophenol	11.02	266	114768	33.174	ng	99
71) Phenanthrene	11.22	178	1127873	39.729	ng	100
72) Anthracene	11.27	178	1153374	39.931	ng	99
73) Carbazole	11.43	167	1121234	41.505	ng	100
74) Di-n-butylphthalate	11.76	149	1248642	38.855	ng	100
75) Fluoranthene	12.41	202	1244225	40.900	ng	99
77) Benzidine	12.53	184	581917	38.043	ng	99
78) Pyrene	12.63	202	1245111	39.783	ng	99
80) Butylbenzylphthalate	13.24	149	516608	40.550	ng	99
81) Benzo(a)anthracene	13.82	228	972737	40.995	ng	100
82) 3,3'-Dichlorobenzidine	13.78	252	380074	41.587	ng	99
83) Chrysene	13.86	228	958285	39.840	ng	100
84) Bis(2-ethylhexyl)phthalate	13.80	149	638662	41.462	ng	99
85) Di-n-octyl phthalate	14.41	149	976652	39.007	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	817857	36.827	ng	99
88) Benzo(b)fluoranthene	14.84	252	836472	41.702	ng	99
89) Benzo(k)fluoranthene	14.86	252	726583	40.362	ng	99
90) Benzo(a)pyrene	15.17	252	725977	40.731	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	678879	40.730	ng	100
92) Benzo(g,h,i)perylene	17.00	276	691444	40.643	ng	99

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

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