Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040419\
Data File : BF113581.D
Acq On : 4 Apr 2019 14:08
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 05 03:50:28 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	6.68	152	161114	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	652224	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	336005	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	681984	20.00	ng	0.00
76) Chrysene-d12	13.83	240	512590	20.00	ng	-0.02
87) Perylene-d12	15.22	264	415010	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	760370	80.48	ng	0.00
7) Phenol-d6	6.34	99	961668	82.58	ng	0.00
23) Nitrobenzene-d5	7.26	82	908289	81.57	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	330894	81.98	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1659681	79.52	ng	0.00
79) Terphenyl-d14	12.77	244	1911719	75.93	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	172597	38.570	ng	99
3) Pyridine	3.03	79	455990	38.937	ng	98
4) n-Nitrosodimethylamine	2.99	42	206157	41.432	ng	92
6) Aniline	6.35	93	602924	42.715	ng	90
8) 2-Chlorophenol	6.47	128	448703	41.047	ng	96
9) Benzaldehyde	6.23	77	284954	41.154	ng	98
10) Phenol	6.35	94	545246	40.997	ng	95
11) bis(2-Chloroethyl)ether	6.42	93	428680	41.436	ng	99
12) 1,3-Dichlorobenzene	6.62	146	479123	40.699	ng	99
13) 1,4-Dichlorobenzene	6.70	146	483294	40.626	ng	99
14) 1,2-Dichlorobenzene	6.86	146	442545	41.213	ng	97
15) Benzyl Alcohol	6.84	79	340903	43.296	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	663190	41.183	ng	97
17) 2-Methylphenol	6.96	107	350444	41.367	ng	97
18) Hexachloroethane	7.19	117	174909	40.394	ng	99
19) n-Nitroso-di-n-propylamine	7.11	70	300751	41.883	ng	100
20) 3+4-Methylphenols	7.11	107	433944	42.276	ng	96
22) Acetophenone	7.10	105	578747	40.401	ng	99
24) Nitrobenzene	7.27	77	467562	40.775	ng	100
25) Isophorone	7.52	82	895856	41.765	ng	99
26) 2-Nitrophenol	7.59	139	258491	41.884	ng	98
27) 2,4-Dimethylphenol	7.63	122	352655	39.970	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	556722	41.053	ng	99
29) 2,4-Dichlorophenol	7.83	162	392950	41.626	ng	98
30) 1,2,4-Trichlorobenzene	7.91	180	417961	40.771	ng	99
31) Naphthalene	7.99	128	1281256	40.544	ng	99
32) Benzoic acid	7.80	122	294077	43.044	ng	99
33) 4-Chloroaniline	8.05	127	536522	42.817	ng	98
34) Hexachlorobutadiene	8.11	225	251855	40.297	ng	98
35) Caprolactam	8.43	113	138204	46.120	ng	99
36) 4-Chloro-3-methylphenol	8.54	107	407836	43.037	ng	99
37) 2-Methylnaphthalene	8.68	142	856061	41.188	ng	100
38) 1-Methylnaphthalene	8.78	142	826175	41.223	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	423651	38.986	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	115363	38.640	ng		100
43) 2,4,6-Trichlorophenol	8.96	196	275347	40.142	ng		98
44) 2,4,5-Trichlorophenol	9.02	196	298281	40.505	ng		96
46) 1,1'-Biphenyl	9.15	154	1080113	38.956	ng		100
47) 2-Chloronaphthalene	9.17	162	824527	39.276	ng		99
48) 2-Nitroaniline	9.27	65	268299	41.767	ng		99
49) Acenaphthylene	9.58	152	1333319	39.058	ng		99
50) Dimethylphthalate	9.45	163	1017548	41.083	ng		100
51) 2,6-Dinitrotoluene	9.52	165	226707	41.525	ng		93
52) Acenaphthene	9.75	154	777368	39.782	ng		100
53) 3-Nitroaniline	9.68	138	263158	42.395	ng		91
54) 2,4-Dinitrophenol	9.80	184	108332	42.413	ng		94
55) Dibenzofuran	9.92	168	1133956	39.560	ng		99
56) 4-Nitrophenol	9.86	139	166712	43.296	ng		90
57) 2,4-Dinitrotoluene	9.92	165	272629	41.289	ng	#	86
58) Fluorene	10.26	166	903765	39.864	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	262834	41.233	ng		98
60) Diethylphthalate	10.15	149	976916	40.910	ng		98
61) 4-Chlorophenyl-phenylether	10.26	204	451507	40.489	ng		93
62) 4-Nitroaniline	10.30	138	271152	42.958	ng		98
63) Azobenzene	10.42	77	917402	40.574	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	154173	42.941	ng		92
66) n-Nitrosodiphenylamine	10.38	169	828631	39.578	ng		100
67) 4-Bromophenyl-phenylether	10.74	248	307214	40.165	ng		100
68) Hexachlorobenzene	10.82	284	354289	40.425	ng	#	94
69) Atrazine	10.91	200	262115	39.720	ng		98
70) Pentachlorophenol	11.02	266	172098	41.673	ng		99
71) Phenanthrene	11.22	178	1340362	39.552	ng		99
72) Anthracene	11.27	178	1381047	40.055	ng		99
73) Carbazole	11.43	167	1328980	41.212	ng		99
74) Di-n-butylphthalate	11.76	149	1560221	40.672	ng		100
75) Fluoranthene	12.40	202	1495984	41.196	ng		99
77) Benzidine	12.53	184	855551	44.884	ng		99
78) Pyrene	12.63	202	1506167	38.617	ng		99
80) Butylbenzylphthalate	13.24	149	653361	41.153	ng		100
81) Benzo(a)anthracene	13.82	228	1200556	40.602	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	487431	42.798	ng		99
83) Chrysene	13.86	228	1202411	40.114	ng		100
84) Bis(2-ethylhexyl)phthalate	13.80	149	822576	42.853	ng		98
85) Di-n-octyl phthalate	14.42	149	1327433	42.544	ng		100
86) Indeno(1,2,3-cd)pyrene	16.59	276	920194	33.250	ng		99
88) Benzo(b)fluoranthene	14.83	252	1044464	41.115	ng		99
89) Benzo(k)fluoranthene	14.86	252	963364	42.254	ng		100
90) Benzo(a)pyrene	15.17	252	924803	40.968	ng		99
91) Dibenzo(a,h)anthracene	16.59	278	765599	36.267	ng		99
92) Benzo(g,h,i)perylene	16.99	276	762452	35.386	ng		99

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

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