Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118584.D
Acq On : 20 Jan 2020 11:37
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jan 20 12:13:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 12:07:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	444200	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1628343	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	908448	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1645060	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1299158	20.00	ng	0.00
87) Perylene-d12	15.52	264	1052446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2019034	83.98	ng	0.00
7) Phenol-d6	6.51	99	2640044	83.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	2415296	91.61	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	886432	88.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4305056	85.55	ng	0.00
79) Terphenyl-d14	12.99	244	4993363	75.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	482600	41.779	ng	100
3) Pyridine	3.43	79	1371008	42.975	ng	100
4) n-Nitrosodimethylamine	3.37	42	588893	40.246	ng	100
6) Aniline	6.55	93	1718049	41.669	ng	100
8) 2-Chlorophenol	6.67	128	1132998	41.439	ng	100
9) Benzaldehyde	6.43	77	776502	48.154	ng	100
10) Phenol	6.52	94	1491819	43.165	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	1104423	39.898	ng	100
12) 1,3-Dichlorobenzene	6.83	146	1328615	40.864	ng	100
13) 1,4-Dichlorobenzene	6.90	146	1345958	41.207	ng	100
14) 1,2-Dichlorobenzene	7.06	146	1266198	41.432	ng	100
15) Benzyl Alcohol	7.02	79	1033620	39.983	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1539392	37.910	ng	100
17) 2-Methylphenol	7.13	107	934082	40.249	ng	100
18) Hexachloroethane	7.40	117	478904	40.233	ng	100
19) n-Nitroso-di-n-propylamine	7.30	70	872977	38.645	ng	100
20) 3+4-Methylphenols	7.29	107	1179340	42.494	ng	100
22) Acetophenone	7.29	105	1629474	41.237	ng	100
24) Nitrobenzene	7.46	77	1234357	44.025	ng	100
25) Isophorone	7.70	82	2153801	37.640	ng	100
26) 2-Nitrophenol	7.78	139	511873	46.207	ng	100
27) 2,4-Dimethylphenol	7.82	122	906996	39.856	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	1407077	38.272	ng	100
29) 2,4-Dichlorophenol	8.02	162	1004434	40.099	ng	100
30) 1,2,4-Trichlorobenzene	8.11	180	1171484	40.130	ng	100
31) Naphthalene	8.19	128	3126810	40.718	ng	100
32) Benzoic acid	7.93	122	665112	47.571	ng	100
33) 4-Chloroaniline	8.23	127	1437540	40.289	ng	100
34) Hexachlorobutadiene	8.32	225	711712	39.087	ng	100
35) Caprolactam	8.60	113	314864	40.406	ng	100
36) 4-Chloro-3-methylphenol	8.71	107	992657	39.975	ng	100
37) 2-Methylnaphthalene	8.88	142	2194940	40.345	ng	100
38) 1-Methylnaphthalene	8.98	142	2069068	40.200	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1210788	41.322	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	601949	39.319	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	778769	41.715	ng	100
44) 2,4,5-Trichlorophenol	9.19	196	800023	42.386	ng	100
46) 1,1'-Biphenyl	9.35	154	2717436	41.863	ng	100
47) 2-Chloronaphthalene	9.37	162	2255926	41.233	ng	100
48) 2-Nitroaniline	9.46	65	670704	47.133	ng	100
49) Acenaphthylene	9.79	152	3184433	41.222	ng	100
50) Dimethylphthalate	9.65	163	2455586	39.369	ng	100
51) 2,6-Dinitrotoluene	9.70	165	544577	45.759	ng	100
52) Acenaphthene	9.96	154	2113872	41.771	ng	100
53) 3-Nitroaniline	9.87	138	628050	46.586	ng	100
54) 2,4-Dinitrophenol	9.97	184	203704	50.900	ng	100
55) Dibenzofuran	10.13	168	2957046	41.291	ng	100
56) 4-Nitrophenol	10.02	139	475440	47.740	ng	100
57) 2,4-Dinitrotoluene	10.10	165	678122	46.891	ng	100
58) Fluorene	10.47	166	2324719	41.919	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	709467	43.937	ng	100
60) Diethylphthalate	10.35	149	2421077	39.759	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	1271456	41.908	ng	100
62) 4-Nitroaniline	10.49	138	639324	47.747	ng	100
63) Azobenzene	10.62	77	2351470	39.621	ng	100
65) 4,6-Dinitro-2-methylphenol	10.51	198	288259	48.957	ng	100
66) n-Nitrosodiphenylamine	10.58	169	2111405	39.944	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	855573	38.853	ng	100
68) Hexachlorobenzene	11.02	284	968087	39.671	ng	100
69) Atrazine	11.10	200	716590	46.978	ng	100
70) Pentachlorophenol	11.21	266	528882	44.099	ng	100
71) Phenanthrene	11.43	178	3424880	41.419	ng	100
72) Anthracene	11.49	178	3385753	41.040	ng	100
73) Carbazole	11.63	167	3110124	41.800	ng	100
74) Di-n-butylphthalate	11.97	149	3414956	36.933	ng	100
75) Fluoranthene	12.62	202	3637584	40.907	ng	100
77) Benzidine	12.73	184	1482541	46.968	ng	100
78) Pyrene	12.85	202	3672529	37.875	ng	100
80) Butylbenzylphthalate	13.47	149	1469265	35.349	ng	100
81) Benzo(a)anthracene	14.04	228	3322835	40.521	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	1200256	41.718	ng	100
83) Chrysene	14.07	228	3144444	39.865	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	1817413	35.228	ng	100
85) Di-n-octyl phthalate	14.64	149	2642879	33.453	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2436485	31.390	ng	100
88) Benzo(b)fluoranthene	15.09	252	2873066	41.915	ng	100
89) Benzo(k)fluoranthene	15.12	252	2547134	41.116	ng	100
90) Benzo(a)pyrene	15.46	252	2379718	39.899	ng	100
91) Dibenzo(a,h)anthracene	17.01	278	2016722	36.202	ng	100
92) Benzo(g,h,i)perylene	17.44	276	1951781	36.272	ng	100

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

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