Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119442.D
Acq On : 19 Mar 2020 16:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 19 19:00:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	277019	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1015112	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	510076	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	976675	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	751190	20.00	ng	0.00
87) Perylene-d12	15.49	264	753605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1495965	85.97	ng	0.00
7) Phenol-d6	6.47	99	1925245	86.61	ng	0.00
23) Nitrobenzene-d5	7.42	82	1542977	82.61	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	488327	92.80	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2913609	84.62	ng	0.00
79) Terphenyl-d14	12.97	244	3126518	81.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.57	88	358542	41.717	ng	99
3) Pyridine	3.32	79	981893	41.469	ng	96
4) n-Nitrosodimethylamine	3.27	42	459921	39.832	ng	91
6) Aniline	6.51	93	1323047	43.124	ng	99
8) 2-Chlorophenol	6.63	128	802006	43.881	ng	100
9) Benzaldehyde	6.40	77	594974	42.192	ng	100
10) Phenol	6.49	94	1035648	43.663	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	818899	43.167	ng	98
12) 1,3-Dichlorobenzene	6.79	146	870007	43.982	ng	99
13) 1,4-Dichlorobenzene	6.87	146	872086	44.076	ng	100
14) 1,2-Dichlorobenzene	7.02	146	827098	44.723	ng	98
15) Benzyl Alcohol	6.99	79	722542	43.210	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1600436	41.825	ng	99
17) 2-Methylphenol	7.10	107	723502	43.205	ng	98
18) Hexachloroethane	7.37	117	315343	43.490	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	567817	42.378	ng	97
20) 3+4-Methylphenols	7.25	107	898685	43.790	ng	99
22) Acetophenone	7.26	105	1049764	43.279	ng	100
24) Nitrobenzene	7.43	77	826870	41.424	ng	99
25) Isophorone	7.67	82	1586861	41.882	ng	99
26) 2-Nitrophenol	7.75	139	324795	41.326	ng	96
27) 2,4-Dimethylphenol	7.79	122	694810	42.754	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	975185	43.525	ng	100
29) 2,4-Dichlorophenol	7.99	162	657281	44.017	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	731799	44.314	ng	98
31) Naphthalene	8.16	128	2286914	43.778	ng	99
32) Benzoic acid	7.89	122	429020	41.040	ng	98
33) 4-Chloroaniline	8.20	127	1028122	42.952	ng	99
34) Hexachlorobutadiene	8.28	225	419563	45.410	ng	98
35) Caprolactam	8.57	113	208501	42.664	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	696416	42.671	ng	99
37) 2-Methylnaphthalene	8.85	142	1505742	43.920	ng	99
38) 1-Methylnaphthalene	8.95	142	1417216	43.673	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	661798	44.265	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	367061	43.185 ng		98
43) 2,4,6-Trichlorophenol	9.13	196	464370	43.403 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	524628	43.772 ng		98
46) 1,1'-Biphenyl	9.32	154	1836037	44.196 ng		100
47) 2-Chloronaphthalene	9.34	162	1441041	44.284 ng		99
48) 2-Nitroaniline	9.43	65	467821	41.651 ng		98
49) Acenaphthylene	9.76	152	2226464	43.569 ng		100
50) Dimethylphthalate	9.62	163	1595333	44.032 ng		99
51) 2,6-Dinitrotoluene	9.67	165	318776	41.048 ng		98
52) Acenaphthene	9.93	154	1410115	44.263 ng		98
53) 3-Nitroaniline	9.85	138	409681	41.786 ng		98
54) 2,4-Dinitrophenol	9.95	184	138181	44.656 ng		95
55) Dibenzofuran	10.10	168	2000956	43.808 ng		99
56) 4-Nitrophenol	9.99	139	328936	42.529 ng		96
57) 2,4-Dinitrotoluene	10.08	165	405094	41.408 ng		98
58) Fluorene	10.45	166	1483388	43.918 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	397963	44.421 ng		98
60) Diethylphthalate	10.32	149	1655349	45.016 ng		99
61) 4-Chlorophenyl-phenylether	10.44	204	751782	45.515 ng		96
62) 4-Nitroaniline	10.46	138	418449	44.508 ng		97
63) Azobenzene	10.60	77	1598524	43.168 ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	164568	40.183 ng		97
66) n-Nitrosodiphenylamine	10.56	169	1380431	43.054 ng		99
67) 4-Bromophenyl-phenylether	10.93	248	486042	43.697 ng		99
68) Hexachlorobenzene	10.99	284	512860	45.050 ng		99
69) Atrazine	11.08	200	365957	41.633 ng		100
70) Pentachlorophenol	11.18	266	301985	45.240 ng		97
71) Phenanthrene	11.41	178	2206415	43.568 ng		99
72) Anthracene	11.46	178	2232241	43.369 ng		100
73) Carbazole	11.61	167	2236287	43.895 ng		99
74) Di-n-butylphthalate	11.95	149	2501696	45.904 ng		100
75) Fluoranthene	12.60	202	2411113	43.992 ng		99
77) Benzidine	12.72	184	1294213	40.711 ng		99
78) Pyrene	12.83	202	2505703	40.644 ng		99
80) Butylbenzylphthalate	13.45	149	1096755	43.986 ng		100
81) Benzo(a)anthracene	14.02	228	2097906	42.947 ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	850728	44.170 ng		98
83) Chrysene	14.06	228	2117335	41.999 ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1352416	45.499 ng	#	99
85) Di-n-octyl phthalate	14.63	149	2491316	47.657 ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1970488	41.501 ng		99
88) Benzo(b)fluoranthene	15.07	252	2155432	42.817 ng		99
89) Benzo(k)fluoranthene	15.10	252	2109990	44.018 ng		99
90) Benzo(a)pyrene	15.43	252	1997374	43.659 ng		99
91) Dibenzo(a,h)anthracene	16.99	278	1591860	39.782 ng		98
92) Benzo(g,h,i)perylene	17.41	276	1517960	37.760 ng		98

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

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