Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119610.D
Acq On : 28 Mar 2020 11:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 29 23:17:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	402575	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1346840	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	731977	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1399488	20.00	ng		0.00
76) Chrysene-d12	14.01	240	935834	20.00	ng		0.00
87) Perylene-d12	15.47	264	834117	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1835119	72.57	ng		0.00
7) Phenol-d6	6.46	99	2595984	80.36	ng		0.00
23) Nitrobenzene-d5	7.40	82	2190852	88.41	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	678489	89.85	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3561659	72.09	ng		0.00
79) Terphenyl-d14	12.96	244	4169084	87.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	435106	34.836	ng		99
3) Pyridine	3.29	79	1149819	33.416	ng		97
4) n-Nitrosodimethylamine	3.26	42	561701	33.474	ng		98
6) Aniline	6.50	93	1797695	40.320	ng		99
8) 2-Chlorophenol	6.62	128	1092778	41.143	ng		99
9) Benzaldehyde	6.38	77	787473	38.426	ng		97
10) Phenol	6.48	94	1492275	43.292	ng		100
11) bis(2-Chloroethyl)ether	6.57	93	1144210	41.504	ng		99
12) 1,3-Dichlorobenzene	6.77	146	1171905	40.767	ng		96
13) 1,4-Dichlorobenzene	6.85	146	1174644	40.852	ng		97
14) 1,2-Dichlorobenzene	7.01	146	1033959	38.471	ng		99
15) Benzyl Alcohol	6.98	79	952461	39.195	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1990979	35.804	ng		98
17) 2-Methylphenol	7.09	107	912646	37.503	ng		99
18) Hexachloroethane	7.35	117	409007	38.815	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	743226	38.170	ng		99
20) 3+4-Methylphenols	7.25	107	1088920	36.511	ng	#	84
22) Acetophenone	7.25	105	1293629	40.197	ng		98
24) Nitrobenzene	7.42	77	1112181	41.994	ng		100
25) Isophorone	7.66	82	2117924	42.130	ng		99
26) 2-Nitrophenol	7.73	139	568211	54.490	ng		95
27) 2,4-Dimethylphenol	7.77	122	800780	37.138	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	1277826	42.986	ng		99
29) 2,4-Dichlorophenol	7.97	162	808904	40.829	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	900812	41.114	ng		97
31) Naphthalene	8.15	128	2752008	39.706	ng		99
32) Benzoic acid	7.90	122	664159	47.885	ng		94
33) 4-Chloroaniline	8.19	127	1260481	39.689	ng		99
34) Hexachlorobutadiene	8.26	225	524919	42.819	ng		97
35) Caprolactam	8.58	113	264582	40.805	ng		99
36) 4-Chloro-3-methylphenol	8.67	107	866618	40.022	ng		99
37) 2-Methylnaphthalene	8.83	142	1803254	39.643	ng		100
38) 1-Methylnaphthalene	8.93	142	1725516	40.077	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	869159	40.511	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	440522	36.116 ng	98
43) 2,4,6-Trichlorophenol	9.11	196	620763	40.431 ng	99
44) 2,4,5-Trichlorophenol	9.15	196	701403	40.780 ng	98
46) 1,1'-Biphenyl	9.30	154	2397140	40.210 ng	99
47) 2-Chloronaphthalene	9.33	162	1895034	40.581 ng	99
48) 2-Nitroaniline	9.42	65	739143	45.857 ng	98
49) Acenaphthylene	9.75	152	2878571	39.254 ng	99
50) Dimethylphthalate	9.61	163	2195530	42.228 ng	100
51) 2,6-Dinitrotoluene	9.67	165	513046	46.037 ng	95
52) Acenaphthene	9.92	154	1874718	41.007 ng	99
53) 3-Nitroaniline	9.83	138	611808	43.485 ng	99
54) 2,4-Dinitrophenol	9.93	184	226136	49.905 ng	92
55) Dibenzofuran	10.09	168	2615925	39.910 ng	98
56) 4-Nitrophenol	9.99	139	446361	40.216 ng	99
57) 2,4-Dinitrotoluene	10.07	165	670044	47.728 ng	97
58) Fluorene	10.43	166	1944848	40.125 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	557734	43.382 ng	99
60) Diethylphthalate	10.30	149	2270487	43.027 ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	981648	41.415 ng	97
62) 4-Nitroaniline	10.45	138	593606	43.998 ng	98
63) Azobenzene	10.58	77	2162251	40.690 ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	317270	54.064 ng	82
66) n-Nitrosodiphenylamine	10.55	169	1849949	40.266 ng	98
67) 4-Bromophenyl-phenylether	10.92	248	669750	42.021 ng	93
68) Hexachlorobenzene	10.98	284	695057	42.609 ng	93
69) Atrazine	11.07	200	545412	43.303 ng	99
70) Pentachlorophenol	11.17	266	416232	43.516 ng	100
71) Phenanthrene	11.39	178	2849518	39.267 ng	99
72) Anthracene	11.45	178	2952769	40.036 ng	99
73) Carbazole	11.60	167	3031987	41.534 ng	99
74) Di-n-butylphthalate	11.93	149	3630802	46.494 ng	98
75) Fluoranthene	12.58	202	3241765	41.278 ng	98
77) Benzidine	12.70	184	1449991	36.612 ng	99
78) Pyrene	12.81	202	3296295	42.919 ng	99
80) Butylbenzylphthalate	13.43	149	1575167	50.708 ng	99
81) Benzo(a)anthracene	14.00	228	2340112	38.453 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	958735	39.956 ng	99
83) Chrysene	14.04	228	2464423	39.239 ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1918894	51.820 ng	98
85) Di-n-octyl phthalate	14.60	149	3233875	49.656 ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2497287	42.219 ng	99
88) Benzo(b)fluoranthene	15.04	252	2432158	43.651 ng	97
89) Benzo(k)fluoranthene	15.08	252	2016488	38.007 ng	99
90) Benzo(a)pyrene	15.41	252	2084763	41.171 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	2002344	45.210 ng	98
92) Benzo(g,h,i)perylene	17.39	276	2045628	45.974 ng	97

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

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