Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
Data File : BF120911.D
Acq On : 17 Jul 2020 9:13
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 17 10:46:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	185780	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	692934	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	359841	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	676099	20.00	ng		0.00
76) Chrysene-d12	13.97	240	539182	20.00	ng		0.00
86) Perylene-d12	15.42	264	574527	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	856741	75.60	ng		0.00
7) Phenol-d6	6.45	99	1106550	75.59	ng		0.00
23) Nitrobenzene-d5	7.38	82	933858	77.98	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	311468	79.08	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1609758	66.79	ng		0.00
79) Terphenyl-d14	12.92	244	1775550	71.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	199588	38.268	ng		100
3) Pyridine	3.27	79	543890	39.201	ng		99
4) n-Nitrosodimethylamine	3.23	42	223102	37.605	ng		97
6) Aniline	6.48	93	720383	37.700	ng		98
8) 2-Chlorophenol	6.60	128	476672	38.182	ng		96
9) Benzaldehyde	6.36	77	279742	39.245	ng		99
10) Phenol	6.46	94	610124	37.889	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	472691	38.302	ng		97
12) 1,3-Dichlorobenzene	6.76	146	506818	37.439	ng		100
13) 1,4-Dichlorobenzene	6.83	146	514065	38.189	ng		99
14) 1,2-Dichlorobenzene	6.99	146	480587	37.739	ng		98
15) Benzyl Alcohol	6.96	79	397371	38.385	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	685919	38.561	ng		99
17) 2-Methylphenol	7.07	107	422911	38.220	ng		100
18) Hexachloroethane	7.33	117	187270	38.437	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	312615	37.556	ng		97
20) 3+4-Methylphenols	7.22	107	487282	34.618	ng		93
22) Acetophenone	7.23	105	581532	37.394	ng	#	92
24) Nitrobenzene	7.40	77	503575	39.015	ng		98
25) Isophorone	7.64	82	921275	38.547	ng		97
26) 2-Nitrophenol	7.72	139	259535	42.338	ng		99
27) 2,4-Dimethylphenol	7.75	122	388485	39.033	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	566752	38.847	ng		99
29) 2,4-Dichlorophenol	7.96	162	399173	39.249	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	429774	38.089	ng		98
31) Naphthalene	8.12	128	1338002	37.643	ng		100
32) Benzoic acid	7.88	122	295291	39.524	ng		96
33) 4-Chloroaniline	8.17	127	597885	37.707	ng		98
34) Hexachlorobutadiene	8.24	225	254921	38.324	ng		100
35) Caprolactam	8.55	113	128218	39.313	ng		96
36) 4-Chloro-3-methylphenol	8.65	107	403050	38.641	ng		99
37) 2-Methylnaphthalene	8.82	142	889379	38.536	ng		99
38) 1-Methylnaphthalene	8.92	142	841024	38.476	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	404809	38.611	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	235307	40.609	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	293083	39.703	ng		98
44) 2,4,5-Trichlorophenol	9.13	196	332829	39.748	ng		97
46) 1,1'-Biphenyl	9.28	154	1041716	37.951	ng		98
47) 2-Chloronaphthalene	9.30	162	854054	38.163	ng		98
48) 2-Nitroaniline	9.40	65	272953	40.359	ng		95
49) Acenaphthylene	9.72	152	1335254	38.407	ng		100
50) Dimethylphthalate	9.58	163	986177	37.988	ng		98
51) 2,6-Dinitrotoluene	9.64	165	225234	40.384	ng		95
52) Acenaphthene	9.89	154	854920	38.678	ng		100
53) 3-Nitroaniline	9.81	138	277945	39.735	ng		94
54) 2,4-Dinitrophenol	9.91	184	117565	40.326	ng		87
55) Dibenzofuran	10.06	168	1213279	37.958	ng		97
56) 4-Nitrophenol	9.96	139	213024	40.091	ng		98
57) 2,4-Dinitrotoluene	10.04	165	301964	41.228	ng		92
58) Fluorene	10.40	166	863114	36.205	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	260031	40.787	ng		97
60) Diethylphthalate	10.28	149	1008820	38.419	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	439870	34.594	ng		95
62) 4-Nitroaniline	10.42	138	268285	39.374	ng		98
63) Azobenzene	10.56	77	939591	37.586	ng		100
65) 4,6-Dinitro-2-methylphenol	10.45	198	157028	40.760	ng		90
66) n-Nitrosodiphenylamine	10.52	169	839241	39.459	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	304548	40.402	ng		92
68) Hexachlorobenzene	10.95	284	327817	40.203	ng	#	91
69) Atrazine	11.04	200	197482	37.492	ng		98
70) Pentachlorophenol	11.14	266	202385	43.325	ng		99
71) Phenanthrene	11.36	178	1325742	38.127	ng		100
72) Anthracene	11.42	178	1349419	38.647	ng		100
73) Carbazole	11.57	167	1328473	38.339	ng		99
74) Di-n-butylphthalate	11.90	149	1545193	38.642	ng		100
75) Fluoranthene	12.55	202	1466483	38.049	ng		99
77) Benzidine	12.67	184	610107	43.038	ng		100
78) Pyrene	12.78	202	1531582	40.178	ng		100
80) Butylbenzylphthalate	13.40	149	696428	40.982	ng		99
81) Benzo(a)anthracene	13.97	228	1251579	38.333	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	509570	41.368	ng		99
83) Chrysene	14.00	228	1323840	38.583	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	818224	39.047	ng		100
85) Di-n-octyl phthalate	14.57	149	1630227	39.103	ng		100
87) Indeno(1,2,3-cd)pyrene	16.85	276	1513881	37.889	ng		99
88) Benzo(b)fluoranthene	15.00	252	1462909	42.125	ng		100
89) Benzo(k)fluoranthene	15.04	252	1245159	39.314	ng		99
90) Benzo(a)pyrene	15.36	252	1284571	40.542	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	1237983	37.930	ng		98
92) Benzo(g,h,i)perylene	17.29	276	1198342	37.237	ng		99

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

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