Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
Data File : BF120926.D
Acq On : 20 Jul 2020 9:18
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 20 11:33:11 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	185709	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	690296	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	365959	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	692617	20.00	ng		0.00
76) Chrysene-d12	13.98	240	549339	20.00	ng		0.00
86) Perylene-d12	15.43	264	585146	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	845630	74.65	ng		0.00
7) Phenol-d6	6.45	99	1095791	74.88	ng		0.00
23) Nitrobenzene-d5	7.38	82	931858	78.11	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	320421	79.99	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1642529	67.01	ng		0.00
79) Terphenyl-d14	12.93	244	1820000	72.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	198303	38.036	ng		99
3) Pyridine	3.28	79	544153	39.235	ng		100
4) n-Nitrosodimethylamine	3.22	42	220382	37.160	ng		97
6) Aniline	6.48	93	722779	37.839	ng		98
8) 2-Chlorophenol	6.60	128	477465	38.260	ng		98
9) Benzaldehyde	6.36	77	290196	41.281	ng		99
10) Phenol	6.46	94	601685	37.379	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	479307	38.853	ng		97
12) 1,3-Dichlorobenzene	6.76	146	514055	37.988	ng		99
13) 1,4-Dichlorobenzene	6.83	146	508958	37.824	ng		99
14) 1,2-Dichlorobenzene	6.99	146	482480	37.902	ng		99
15) Benzyl Alcohol	6.96	79	389182	37.608	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	691225	38.874	ng		99
17) 2-Methylphenol	7.07	107	422605	38.207	ng		98
18) Hexachloroethane	7.33	117	190790	39.175	ng		99
19) n-Nitroso-di-n-propylamine	7.23	70	315289	37.891	ng		97
20) 3+4-Methylphenols	7.23	107	479507	34.079	ng		91
22) Acetophenone	7.23	105	586169	37.836	ng	#	91
24) Nitrobenzene	7.40	77	502777	39.102	ng		96
25) Isophorone	7.64	82	916266	38.484	ng		97
26) 2-Nitrophenol	7.72	139	254769	41.720	ng		97
27) 2,4-Dimethylphenol	7.76	122	381740	38.502	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	573300	39.446	ng		99
29) 2,4-Dichlorophenol	7.96	162	405195	39.993	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	445390	39.623	ng		99
31) Naphthalene	8.13	128	1344060	37.958	ng		100
32) Benzoic acid	7.88	122	282504	37.957	ng		99
33) 4-Chloroaniline	8.17	127	595186	37.680	ng		98
34) Hexachlorobutadiene	8.24	225	263181	39.717	ng		98
35) Caprolactam	8.55	113	125946	38.764	ng		95
36) 4-Chloro-3-methylphenol	8.65	107	407120	39.181	ng		99
37) 2-Methylnaphthalene	8.82	142	897754	39.048	ng		98
38) 1-Methylnaphthalene	8.92	142	857636	39.386	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	416918	39.101	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	237025	40.222 ng		99
43) 2,4,6-Trichlorophenol	9.09	196	295692	39.387 ng		98
44) 2,4,5-Trichlorophenol	9.13	196	338515	39.751 ng		98
46) 1,1'-Biphenyl	9.28	154	1045188	37.441 ng		99
47) 2-Chloronaphthalene	9.30	162	869404	38.200 ng		98
48) 2-Nitroaniline	9.40	65	270337	39.304 ng		96
49) Acenaphthylene	9.72	152	1338287	37.850 ng		100
50) Dimethylphthalate	9.58	163	1021251	38.681 ng		98
51) 2,6-Dinitrotoluene	9.64	165	228279	40.246 ng		97
52) Acenaphthene	9.89	154	855792	38.070 ng		99
53) 3-Nitroaniline	9.81	138	276188	38.824 ng		100
54) 2,4-Dinitrophenol	9.92	184	112798	38.431 ng	#	81
55) Dibenzofuran	10.06	168	1207575	37.148 ng		99
56) 4-Nitrophenol	9.97	139	209077	38.690 ng		92
57) 2,4-Dinitrotoluene	10.05	165	302055	40.551 ng		97
58) Fluorene	10.40	166	873883	36.044 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	263698	40.670 ng		96
60) Diethylphthalate	10.28	149	1028917	38.530 ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	454053	35.112 ng		96
62) 4-Nitroaniline	10.42	138	270290	39.005 ng		98
63) Azobenzene	10.56	77	954612	37.549 ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	152262	38.786 ng		96
66) n-Nitrosodiphenylamine	10.52	169	846275	38.841 ng		100
67) 4-Bromophenyl-phenylether	10.89	248	313976	40.659 ng		95
68) Hexachlorobenzene	10.95	284	330713	39.591 ng		95
69) Atrazine	11.04	200	200726	37.199 ng		98
70) Pentachlorophenol	11.15	266	198078	41.391 ng		98
71) Phenanthrene	11.37	178	1346870	37.811 ng		100
72) Anthracene	11.42	178	1389736	38.853 ng		100
73) Carbazole	11.57	167	1344509	37.876 ng		100
74) Di-n-butylphthalate	11.90	149	1606548	39.218 ng		99
75) Fluoranthene	12.55	202	1513212	38.325 ng		99
77) Benzidine	12.67	184	630514	43.655 ng		99
78) Pyrene	12.78	202	1556008	40.064 ng		99
80) Butylbenzylphthalate	13.40	149	717991	41.470 ng		94
81) Benzo(a)anthracene	13.97	228	1260558	37.894 ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	525762	41.893 ng		100
83) Chrysene	14.01	228	1340522	38.346 ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	870289	40.763 ng	#	99
85) Di-n-octyl phthalate	14.57	149	1721250	40.523 ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1526228	37.504 ng		100
88) Benzo(b)fluoranthene	15.01	252	1388290	39.251 ng		100
89) Benzo(k)fluoranthene	15.04	252	1344795	41.690 ng		99
90) Benzo(a)pyrene	15.37	252	1303496	40.393 ng		99
91) Dibenzo(a,h)anthracene	16.89	278	1244971	37.452 ng		99
92) Benzo(g,h,i)perylene	17.30	276	1217680	37.152 ng		99

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

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