Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121817.D
Acq On : 5 Oct 2020 14:26
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Oct 05 15:09:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	130953	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	491381	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	265095	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	510711	20.00	ng		0.00
76) Chrysene-d12	13.93	240	433145	20.00	ng		0.00
86) Perylene-d12	15.36	264	412401	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	700216	79.46	ng		-0.01
7) Phenol-d6	6.41	99	920280	79.61	ng		0.00
23) Nitrobenzene-d5	7.33	82	775865	84.78	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	282645	85.79	ng		-0.01
45) 2-Fluorobiphenyl	9.13	172	1330324	76.00	ng		0.00
79) Terphenyl-d14	12.87	244	1737699	81.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	146906	36.289	ng		99
3) Pyridine	3.13	79	412092	36.822	ng		97
4) n-Nitrosodimethylamine	3.09	42	178605	34.406	ng		99
6) Aniline	6.43	93	558894	37.120	ng	#	48
8) 2-Chlorophenol	6.55	128	362900	40.450	ng		100
9) Benzaldehyde	6.32	77	262591	34.746	ng		99
10) Phenol	6.42	94	464714	37.750	ng		89
11) bis(2-Chloroethyl)ether	6.50	93	374030	40.312	ng		99
12) 1,3-Dichlorobenzene	6.70	146	402383	40.183	ng		99
13) 1,4-Dichlorobenzene	6.78	146	403234	40.104	ng		98
14) 1,2-Dichlorobenzene	6.93	146	372408	40.206	ng		97
15) Benzyl Alcohol	6.92	79	318580	40.544	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	591465	39.615	ng		96
17) 2-Methylphenol	7.03	107	306710	40.179	ng		99
18) Hexachloroethane	7.27	117	150297	41.747	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	263383	39.532	ng		98
20) 3+4-Methylphenols	7.19	107	367464	40.065	ng	#	80
22) Acetophenone	7.18	105	496254	39.805	ng		97
24) Nitrobenzene	7.35	77	415261	41.953	ng		99
25) Isophorone	7.59	82	750883	40.758	ng		100
26) 2-Nitrophenol	7.67	139	197301	42.642	ng		98
27) 2,4-Dimethylphenol	7.71	122	329572	40.076	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	469372	41.155	ng		99
29) 2,4-Dichlorophenol	7.92	162	311942	41.647	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	323441	41.002	ng		99
31) Naphthalene	8.07	128	1050546	40.500	ng		99
32) Benzoic acid	7.86	122	185996	32.870	ng		98
33) 4-Chloroaniline	8.12	127	457532	40.691	ng		99
34) Hexachlorobutadiene	8.19	225	192181	41.506	ng		99
35) Caprolactam	8.51	113	108498	43.498	ng		96
36) 4-Chloro-3-methylphenol	8.62	107	339163	42.034	ng		97
37) 2-Methylnaphthalene	8.76	142	688286	40.490	ng		99
38) 1-Methylnaphthalene	8.86	142	640689	40.497	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	329278	39.764	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	134078	28.353	ng		98
43) 2,4,6-Trichlorophenol	9.05	196	223140	39.534	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	236236	39.591	ng		98
46) 1,1'-Biphenyl	9.23	154	837860	39.480	ng		98
47) 2-Chloronaphthalene	9.25	162	656762	39.271	ng		99
48) 2-Nitroaniline	9.35	65	230800	44.410	ng		99
49) Acenaphthylene	9.66	152	1016457	39.557	ng		99
50) Dimethylphthalate	9.53	163	806396	41.970	ng		100
51) 2,6-Dinitrotoluene	9.59	165	181055	44.247	ng		99
52) Acenaphthene	9.84	154	596184	36.734	ng		99
53) 3-Nitroaniline	9.76	138	199856	42.162	ng		99
54) 2,4-Dinitrophenol	9.87	184	84213	40.695	ng	#	87
55) Dibenzofuran	10.01	168	887273	38.820	ng		100
56) 4-Nitrophenol	9.94	139	135098	35.737	ng		95
57) 2,4-Dinitrotoluene	10.00	165	230029	44.685	ng		92
58) Fluorene	10.35	166	717967	41.077	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	202374	41.719	ng		96
60) Diethylphthalate	10.23	149	793209	42.343	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	348951	41.677	ng		95
62) 4-Nitroaniline	10.38	138	205833	43.733	ng		99
63) Azobenzene	10.50	77	817264	40.968	ng		98
65) 4,6-Dinitro-2-methylphenol	10.41	198	135784	43.994	ng		91
66) n-Nitrosodiphenylamine	10.46	169	687673	39.248	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	235074	40.428	ng		95
68) Hexachlorobenzene	10.90	284	266286	40.580	ng		99
69) Atrazine	10.99	200	182145	41.843	ng		99
70) Pentachlorophenol	11.10	266	145667	40.421	ng		100
71) Phenanthrene	11.31	178	1092354	39.257	ng		99
72) Anthracene	11.36	178	1142586	39.791	ng		100
73) Carbazole	11.52	167	1039513	40.116	ng		100
74) Di-n-butylphthalate	11.85	149	1289615	43.120	ng		99
75) Fluoranthene	12.50	202	1228864	41.371	ng		99
77) Benzidine	12.62	184	708874	49.366	ng		100
78) Pyrene	12.73	202	1259441	39.797	ng		100
80) Butylbenzylphthalate	13.35	149	569141	44.468	ng		98
81) Benzo(a)anthracene	13.92	228	1109525	40.489	ng		100
82) 3,3'-Dichlorobenzidine	13.88	252	441204	41.241	ng		99
83) Chrysene	13.96	228	1106462	39.874	ng		99
84) Bis(2-ethylhexyl)phthalate	13.90	149	800511	46.818	ng		98
85) Di-n-octyl phthalate	14.52	149	1394526	46.214	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	1107200	41.226	ng		99
88) Benzo(b)fluoranthene	14.95	252	1182195	42.881	ng		99
89) Benzo(k)fluoranthene	14.98	252	956535	37.888	ng		98
90) Benzo(a)pyrene	15.31	252	949405	40.512	ng		99
91) Dibenzo(a,h)anthracene	16.80	278	900593	40.283	ng		99
92) Benzo(g,h,i)perylene	17.22	276	922346	41.971	ng		98

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

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