Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118706.D
Acq On : 25 Jan 2020 1:19
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/28/2020 8:12:51 AM

Quant Time: Jan 27 03:12:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	267436	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	955416	20.00	ng		-0.02
39) Acenaphthene-d10	9.90	164	500482	20.00	ng		-0.02
64) Phenanthrene-d10	11.38	188	801603	20.00	ng		-0.03
76) Chrysene-d12	14.02	240	554753	20.00	ng		-0.03
87) Perylene-d12	15.48	264	679634	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1167005	81.04	ng		-0.02
7) Phenol-d6	6.49	99	1448415	77.39	ng		-0.02
23) Nitrobenzene-d5	7.43	82	1285735	75.27	ng		-0.02
42) 2,4,6-Tribromophenol	10.69	330	435944	75.31	ng		-0.02
45) 2-Fluorobiphenyl	9.22	172	2478354	81.39	ng		-0.02
79) Terphenyl-d14	12.96	244	2322028	91.29	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	256714	36.808	ng		92
3) Pyridine	3.36	79	712245	36.233	ng		95
4) n-Nitrosodimethylamine	3.30	42	257949m	30.608	ng		
6) Aniline	6.53	93	919075	37.294	ng		95
8) 2-Chlorophenol	6.65	128	651006	40.279	ng		96
9) Benzaldehyde	6.41	77	437443	38.432	ng		94
10) Phenol	6.51	94	812705	38.104	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	606093	38.301	ng		96
12) 1,3-Dichlorobenzene	6.81	146	760968	40.226	ng		98
13) 1,4-Dichlorobenzene	6.89	146	771994	40.653	ng		99
14) 1,2-Dichlorobenzene	7.04	146	721503	40.417	ng		98
15) Benzyl Alcohol	7.00	79	552313	37.213	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	749855	34.020	ng		99
17) 2-Methylphenol	7.12	107	520732	38.679	ng		95
18) Hexachloroethane	7.38	117	230953	33.540	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	428932	33.942	ng		93
20) 3+4-Methylphenols	7.27	107	633438	38.537	ng		95
22) Acetophenone	7.27	105	854100	37.737	ng	#	99
24) Nitrobenzene	7.45	77	640537	36.623	ng		95
25) Isophorone	7.69	82	1130607	36.289	ng		97
26) 2-Nitrophenol	7.76	139	311971	41.828	ng		93
27) 2,4-Dimethylphenol	7.80	122	469818	36.479	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	766281	38.172	ng		99
29) 2,4-Dichlorophenol	8.00	162	559333	39.286	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	663272	40.179	ng		100
31) Naphthalene	8.17	128	1793743	41.561	ng		98
32) Benzoic acid	7.90	122	322704m	33.386	ng		
33) 4-Chloroaniline	8.22	127	781931	39.198	ng		97
34) Hexachlorobutadiene	8.29	225	404573	40.244	ng		99
35) Caprolactam	8.58	113	168974	36.266	ng	#	86
36) 4-Chloro-3-methylphenol	8.69	107	538900	38.330	ng		99
37) 2-Methylnaphthalene	8.86	142	1219794	40.040	ng		98
38) 1-Methylnaphthalene	8.96	142	1140620	39.410	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	664854	42.456	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	53222	6.736	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	427663	41.155	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	418603	39.443	ng		98
46) 1,1'-Biphenyl	9.32	154	1511115	43.809	ng		98
47) 2-Chloronaphthalene	9.35	162	1223579	42.086	ng		96
48) 2-Nitroaniline	9.44	65	333661	37.334	ng	#	85
49) Acenaphthylene	9.76	152	1737748	42.487	ng		97
50) Dimethylphthalate	9.62	163	1432416	43.930	ng		98
51) 2,6-Dinitrotoluene	9.68	165	301387	41.277	ng	#	78
52) Acenaphthene	9.94	154	1079281	39.463	ng		98
53) 3-Nitroaniline	9.85	138	342826	41.119	ng		99
54) 2,4-Dinitrophenol	9.95	184	27402	9.400	ng	#	44
55) Dibenzofuran	10.11	168	1579362	41.671	ng		93
56) 4-Nitrophenol	10.00	139	212062	33.693	ng		87
57) 2,4-Dinitrotoluene	10.08	165	374981	40.738	ng		94
58) Fluorene	10.45	166	1176549	39.543	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	336161	36.012	ng		98
60) Diethylphthalate	10.32	149	1372477	43.412	ng		98
61) 4-Chlorophenyl-phenylether	10.44	204	672542	41.560	ng		98
62) 4-Nitroaniline	10.46	138	310841	36.346	ng		93
63) Azobenzene	10.60	77	1132936	37.002	ng		94
65) 4,6-Dinitro-2-methylphenol	10.49	198	51588	14.636	ng		77
66) n-Nitrosodiphenylamine	10.56	169	1095535	45.318	ng		97
67) 4-Bromophenyl-phenylether	10.93	248	441541	44.584	ng		94
68) Hexachlorobenzene	11.00	284	469099	41.779	ng	#	87
69) Atrazine	11.08	200	331201	39.528	ng		100
70) Pentachlorophenol	11.19	266	214981	34.438	ng		96
71) Phenanthrene	11.41	178	1623883	41.990	ng		93
72) Anthracene	11.46	178	1608580	42.036	ng		94
73) Carbazole	11.61	167	1382964	39.401	ng		96
74) Di-n-butylphthalate	11.95	149	1974465	50.632	ng		97
75) Fluoranthene	12.59	202	1507930	36.969	ng		96
77) Benzidine	12.71	184	740623	49.966	ng		99
78) Pyrene	12.82	202	1496897	39.745	ng		92
80) Butylbenzylphthalate	13.43	149	691018	44.831	ng		98
81) Benzo(a)anthracene	14.01	228	1397256	41.870	ng		96
82) 3,3'-Dichlorobenzidine	13.97	252	574167	48.285	ng		97
83) Chrysene	14.04	228	1371297	42.876	ng		94
84) Bis(2-ethylhexyl)phthalate	14.00	149	973420	51.691	ng		98
85) Di-n-octyl phthalate	14.61	149	1586546	56.918	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.95	276	1525180	54.882	ng		98
88) Benzo(b)fluoranthene	15.06	252	1607629	37.632	ng		98
89) Benzo(k)fluoranthene	15.09	252	1502335	37.959	ng		98
90) Benzo(a)pyrene	15.42	252	1452870	39.425	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	1298877	39.846	ng		98
92) Benzo(g,h,i)perylene	17.39	276	1155022	36.493	ng		98

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

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